42
| ADELAIDE

2020/2021
GUIDE

—

ZERO CLASSES
ZERO TEACHERS
ZERO COST
100% CODING

UNLOCKING
THE FUTURE OF
EDUCATION

—

A world class curriculum to empower the next generation of tech talent

42 Adelaide is a tuition-free computer programming school with a peer-to-peer learning environment that doesn't involve teachers and lectures. 42 is an innovative education model that was designed to develop the skills needed to jumpstart your career as a software engineer using a project-based learning approach. We're not a traditional university, and we're not a coding bootcamp.

We offer rigorous, industry-leading education, modelled after a professional work environment. When you don't have teachers or professors, students are the ones in charge of their own success and that of their peers. We believe that fostering students' ability to think critically, enhance their ability to problem-solve, and create hands-on projects is not only more effective for learning but also more fun. In the end, this creates a community of lifelong learners and contributes to helping students evolve into well-rounded software engineers.

Students not only learn advanced programming skills, but also develop valuable interpersonal skills and an ability to communicate with people at different levels of understanding. Our peer-to-peer based learning model will help to bridge the current gap and future needs of the tech world, meaning students develop a critical long- term foundation but also real-time workplace skills through learning how to learn.

Our approach is 100% practice, 100% project based,100% collaborative and designed to develop the coders of the future.

ABOUT
42 ADELAIDE

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100% tuition free

And we mean it, we are supported by industry and our amazing partners

No teachers

We believe the most effective way to learn is through collaborative engagement with your peers

No classes

We are open 24/7, you are free to choose your own path and study at the time that most suits you

No entry requirements

We don't ask for grades or coding experience, you just need to be 16+ and have the will to learn

100% project based

You work on solving real world challenges through projects

Self paced

We know that everyone learns at different speeds and so we allow you to work at a pace that suits you

ADMISSIONS
ROADMAP

Our admissions process at 42 is unlike any other

There are no requirements. We don't ask for grades, other qualifications or recommendations. Anyone 16 and above are welcome to apply.

The application process is designed in such a way that it is accessible for everyone, no matter your background or level of understanding in coding & programming. During the application process, you will figure out if our educational model is the right fit for you!

What do we ask from you?

The willingness to learn and work hard!

Your admission to 42 Adelaide starts on our website at 42adel.org.au

The online test

After you have created your profile, you start the online test. The online test consists of 2 games and you will work your way through multiple levels. This process will take about 2 hours. Please ensure you have a stable internet connection and zero interruptions during this test.

The introduction session

During this session, we will give you a presentation about our educational model, the curriculum, how to get in and to meet other potential 42students! After the presentation, we will take you on a tour of the campus. This Introduction session can also be done virtually if you are not based in Adelaide. At the end of the session, you get to choose a starting date of your 4-weeks Piscine!

Attend an intro session
Come in for an introduction session & tour to learn more adbout 42

Attend a Piscine
Register for a piscien % Complete our 4 week-onsite coding challenge

Complete an on-line test
A memory test & puzzle game. The Higher level you reach the more likely you are to pass

Time for your results
You have completed the Piscine & you will get your results.

03 Introduction session

04 Piscine

02 Online Test

05 Results

01 Register online

06 Start 42

The road to 42 Adelaide

Register on our admissions portal
apply.42adelaide.org.au

Register & start
You have made it. Register for an intake and start your education at 42

Your journey starts here

Your future starts here

The opportunity for quality education should be open to anyone, regardless of their background, schooling, or demographics

THE PISCINE
BOOT-CAMP

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4 weeks of coding

No experience required

Learn with peers

8 – 12 hours per day

"Piscine" is french for "swimming pool", meaning that as a student you dive in with your peers into the deep end of coding and learn how to swim together.

This is the final and best part of the admissions process. It is s a 28 day coding challenge in which motivation, willpower and hard work will keep you afloat. Many students consider it to be one of the best and most challenging aspects of their 42 experience. It is intense and you either sink or swim, coding your heart out for 7 days a week, with hundreds of other candidates, building bonds and learning skills that will last forever.

We start with the basics

You write your first lines of code before moving on to more complex coding exercises. No previous programming experience is required. We simply ask that you know how to use a mouse and a keyboard.

The Piscine takes place on campus and must be completed in-person. It's an incredibly rewarding, once-in-a-lifetime experience. You'll try and fail, over and over again, and this trial-and-error period is a learning process, developing your problem-solving skills and creativity.
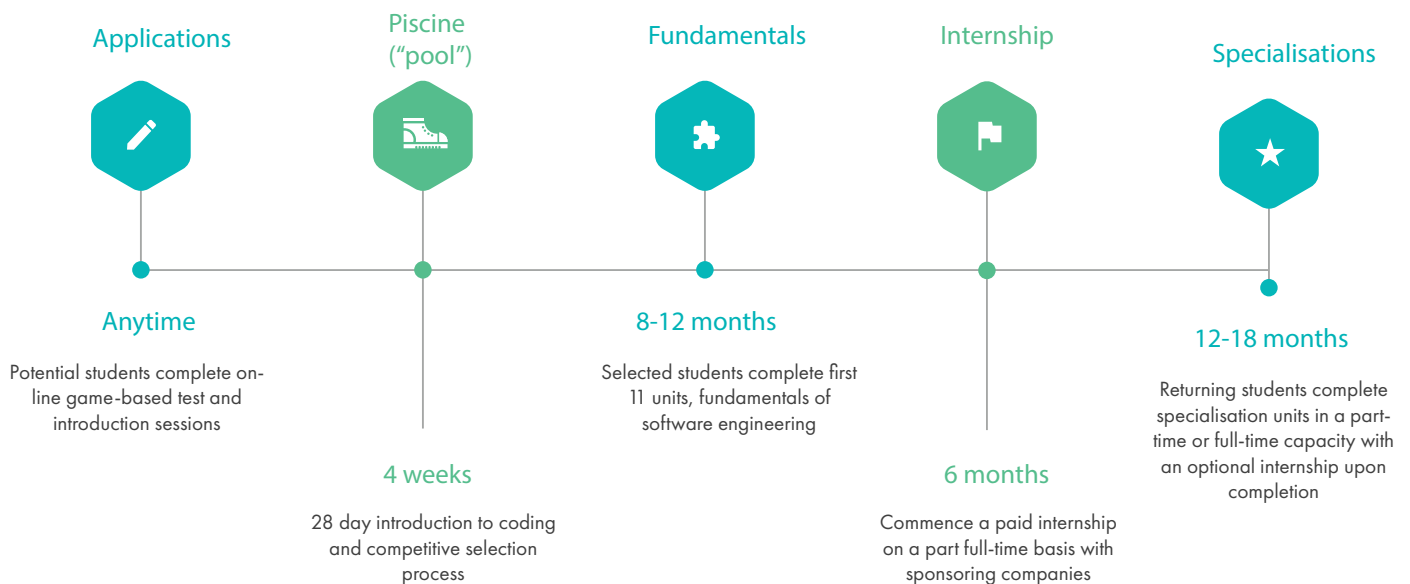
STUDYING
AT 42 ADELAIDE

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Those who pass our piscine, will win place in our school, free of charge

The 42 program is a degree level program in software engineering that lasts from 1 to 3 years depending on your goals. You learn from scratch the fundamentals of programming and from there you can choose your own path and specialise in a number of key area's such as Cyber, Networking, Gaming and Web and Systems.

You can even create your own projects with your peers and partici-pate on projects, hackathons and events with our industry partners, 42 network campuses & students around the world.

Applications	Piscine ("pool")	Fundamentals	Internship	Specialisations

Anytime

Potential students complete on-line game-based test and introduction sessions

4 weeks

28 day introduction to coding and competitive selection process

8-12 months

Selected students complete first 11 units, fundamentals of software engineering

6 months

Commence a paid internship on a part full-time basis with sponsoring companies

12-18 months

Returning students complete specialisation units in a part-time or full-time capacity with an optional internship upon completion

Graduation from 42 adelaide

Students who complete the common core of the curriculum and their first internship at 42 adelaide will receive:

- ⊘ A 42 degree, showing their level completed, recognised around the world by hiring companies.

- ⊘ A real portfolio of projects and work created by you, showing your skills to employers.

- ⊘ Alumni status meaning that you can continue to come in and access the curriculum and continue learning new skills and trends, whenever you need.

CAMPUS
LIFE

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Many of our students comment that one of the highlights of 42 is the community. No matter where you come from, what you look like, or where worked before, 42 is a welcoming and open community for those with a passion for coding and creativity.

With state-of-the-art facilities, 150 computers and spaces to chill out and connect with fellow students and industry partners, our campus is designed to give you the best experience possible and make sure you have a great space to learn. Our campus will be open 24/7 allowing you and your peers to study in timeframes that work best for you.

With regular hackathons, networking nights, workshops and events with local industry and our global network there is always something for you to get involved in, feel part of the campus and improve your coding skills. Our students are encouraged to create their own clubs and groups to share similar passions and interests, what ever they may be.

42, Sao Paulo - Cluster

Codam, Amsterdam - Collaboration

42, Paris - Cluster

1337, Morocco - Events

REMOVING
BARRIERS TO EDUCATION

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Imagine starting your first job as a software engineer and being able to say you have ZERO student debt.

At 42 we believe that quality education should be open to all regardless of their background. We do not want money to be a reason students cannot attend 42.

There are no fees at any stage throughout your education with 42. Every student that attends 42 has earnt there spot here and will have access to the best infrastructure and equipment.

We know that dedicating yourself to studying is not always easy so we don't want money to be the reason students cannot attend.

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The best thing about 42 is that you feel like you are walking into a school of the future

42
EDUCATION

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Peer to peer learning

Peer-to-peer learning is a unique learning style. This approach is 100% practise, 100 project based, 100% collaborative, with no teachers or lectures. It is all about working with your peers to search for information, filter information and coach others.

You work on projects with, learn from and evaluate your peers. This enables you to learn and master critical skills required in the tech industry by encouraging critical thinking, problem-solving, collaboration, adaptability and innovation. Together, you and you peers will confront and troubleshoot challenging situations without any prior knowledge. This type of teamwork naturally leads to forming strong bonds that will assist you, later on in your careers, not to mention the personal enrichment from making a new community of friends who are passionate about the same things you are.

Peer To Peer Evaluation

Peer-evaluation is also a key part of part of our learning curriculum. This is an assessment technique where students evaluate and correct each other. Giving corrections is an important part of the process when it comes to working on projects; students must rely on feedback from their peers about their work to progress. By giving and receiving information and by alternating between training and learning, 42 students adapt and progress rapidly.

42
EDUCATION

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Project based learning

Our curriculum is entirely project based and has been carefully created by experts, with each project becoming increasingly more difficult, to challenge you and build your skills.

İt a 100% hands-on way to develop skills and creativity. Instead of classes or courses, we have a connected galaxy of over 200 projects that last from 2 days to 6 months. Some projects are worked on individually and others in groups with your peers.

Each project is a real world challenge and each time you successfully complete one it un-locks more projects that get increasingly more complex.

Learning how to learn

42 is not just about languages, algorithms, and technologies. We teach you how to learn – how to exercise creativity, collaborate, and problem-solve to tackle various challenges.
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Unlike in traditional education, failure is not a bad thing, it is actually encouraged, as that is the best way to learn, through overcoming challenges and problem solving. At 42 we believe in try, test, fail, try again & repeat.

As the tech industry is rapidly changing with new trends and skills needed everyday, the best ability you can acquire is how to learn.

42
EDUCATION

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Gamification

When studying at 42 you move through your studies the same way you move through a video game.

Your progress is measured using experience points, which was inspired by video games. You develop competencies through each project and receive experience points in exchange for this.
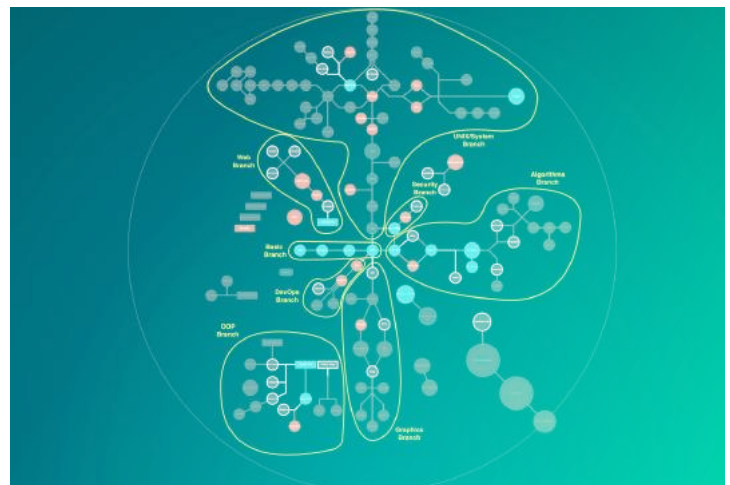
Each completed project unlocks the next projects or levels with each project being increasingly more substantial and more highly rewarded.

This gamification mindset allows all learning to be fun, while enhancing your passion, persistence, and motivation to get to the next level.

Choose your own pathway

As a student at 42 you control you what you learn, when you learn and how you learn. You learn at your own pace and you can pursue many specialisations or "branches" of our curriculum, rather than learning a series of languages and specific technologies, 42's program follows a logical sequence of 17 long lasting skills: 42's program can be individually tailored throughout, with you determining which path you take.

These skills also have the same fundamental element: personal adaptability, learning, collaboration and solving new challenges that you will inevitably face regularly in life and your career.
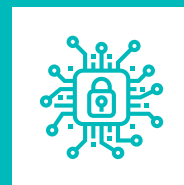.

42
SPECIALISATIONS

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Once you have completed your "fundamentals" in programming you can focus on building on your skills in one of the following specialisa-
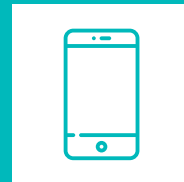
AI & Algorithms

Cyber Security

Networking & Cloud

Mobile

Game & Graphics

Systems Admin

Data Science & Analytics

Web

42
EDUCATION

Learn at your own pace

The 42 program has the flexibility for you to choose your specialisation, without compromising essential concepts and strategic thinking. Put simply, you can learn what you want, at your own pace. Our educational curriculum is 100% individualised.

Self-paced learning is a big part of our commitment to making tech education more accessible. Learning at your own pace is also an investment in yourself. By rushing through a curriculum to keep up with the rest of your class or being held back by the average pace of your peers, it is difficult to stay motivated and engaged. Instead of making a commitment to an institution's schedule, 42 Adelaide allows students to commit to a pace that works best for them intellectually and personally.

Learn from failure

At 42 Adelaide we are here to support you as you take your first step in programming, but you must be prepared to fail, as failure is an essential part of the learning process. Our students manage their own education so you have the freedom to fail several times before you succeed.

You really cannot become a great programmer if you don't have the fundamentals, and you cannot get the fundamentals down without experiencing failure. You will need to adjust to unexpected changes and navigate new and creative ways to get out of a slump or solve a problem. Adaptability and creative problem solving are great skills to have in the workplace, and you'll be able to develop those skills here.

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If you don't want to learn, nothing will help you. If you are learning, nothing will stop you

42
INTERNSHIPS

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About 42 internships

After you have completed the "common core" or fundamentals, as a student you must complete a 6 month internship placement in a part or full-time capacity.

This internship will allow you to work in leading companies in Adelaide and around Australia to hone your programming skills in a real workplace.

At 42 we believe in your capability, and you will receive a salary and income for the duration of your internship with one of our Hiring Partners.

Our global hiring partners

In our 42 network we have over 3500 Hiring and Partner Companies

We're proud to partner with hiring companies and organsations, not just for their hiring needs, but to change and impact the world. Companies hire interns and recruit from us; and are interested in how we can support their tech talent needs.

More than that though, companies also find value in partnering with us on hackathons, projects and issuing challenges to our students and seeing how you solve problems.

IBM   pwc   LOUIS VUITTON   AIRBUS DEFENCE & SPACE   DELL   RECAST.AI   FileMaker

Microsoft   stackoverflow   THALES   A THE ADECCO GROUP   NOKIA   GitGuardian   GitHub

UBISOFT   TomTom   aws   Roche   dimension data   PayPal   TomTom

AMD   Google + QWIKLABS   Snapchat   bbd software development   unity   Telefónica   SUPERCELL

80% of 42 students are offered a role after their first internship with one of our hiring partners

LIFE
AFTER 42

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The skills you develop at 42 Adelaide, prepare you for a career in technology working across multiple industries or you can start your own company.
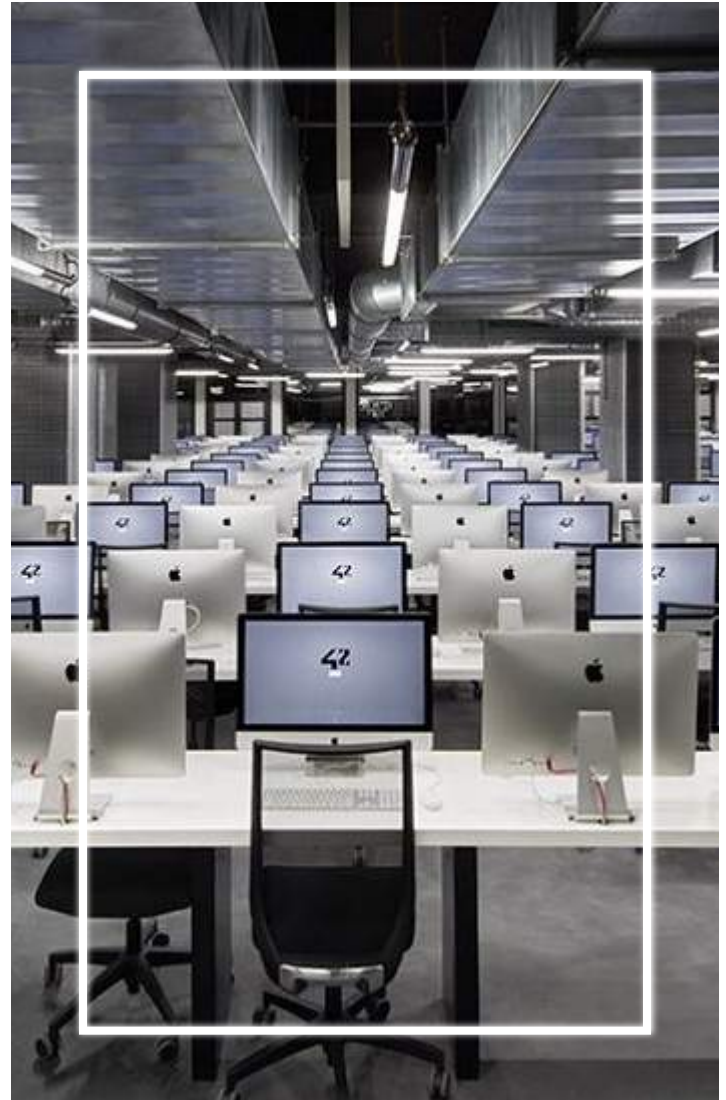
While you are at 42 of course you'll learn to code, but more importantly: you learn how to learn! This means that throughout your studies at 42, you will develop critical skills which enable you to stay curious; stay relevant and build the confidence to try out any challenge coming your way.

The sky is the limit!

And it's exactly those skills you need for jobs of the future, and with the skills you develop at 42, you can apply to any dream job you want.

There are already thousands of alumni from our 42 network around the world. So based on that, we can already give you an idea of your possible future:

- ⊘ 80% of students are offered a role after their first internship

- ⊘ Student gets 3 job proposals on average during their studies

- ⊘ Final projects build you a strong portfolio of problems companies need solved

Typical roles after 42

- ✔ Mobile App Development
- ✔ Cyber Security Engineer
- ✔ Data Engineer
- ✔ Front End Web Developer
- ✔ Data Scientist
- ✔ Software Engineer
- ✔ Full Stack Developer
- ✔ Project Manager

OUR GLOBAL
42 NETWORK

The 42 network brings together all 32 campuses in 22 countries around the world

Structured around a common charter of shared practices and values, all partner campuses use the same selection process and a common basis of core skills and knowledge. Therefore, regardless of campus, students are guaranteed quality training.

From 42 Adelaide you will be able to connect & collaborate with over +10'000 students who are currently studying at our of our campuses across the globe.

Those who wish may even complete some of their training abroad at another campus after completing the "fundamentals" and first internship successfully at 42

Europe

Belgium 19
Finland Hive
France 42
France 42 Angoulem
France 42 Lyon
France 42 Nice
Germany 42 Heilbronn
Germany 42 Wolfsburg
Italy 42 Roma
Netherlands Codam

Portugal 42 Lisboa
Russia School 21-moscow
Russia School 21- Kazan
Spain 42 Alicante
Spain 42 Barcelona
Spain 42 Madrid
Spain 42 Malaga
Spain 42 Urduliz
Switzerland 42 Lausanne

Africa

Morocco 1337-Khourbga
Morcocco 1337-Ben Guerir

America

Brazil 42 Rio
Brazil 42 Sao Paulo
Canada 42 Quebec
United States 42 Silicon Valley

Asia

Armenia 42 Yerevan
Japan 42 Tokyo
Jordan 42 Amman
Malaysia 42 Kuala Lumpur
South Korea 42 Seoul
Thailand 42 Bangkok
United Arab Emirates 42 Abu Dhabi

Oceania

Australia 42 Adelaide

VALUES
42 ADELAIDE

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Creativity & Passion

Questioning

Pursuit of Excellence

Equal Opportunity

Innovation

Commitment To community

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