Become a Computer Engineer

techtorium® 2019
What is a Computer Engineer?

Computer engineers help people, colleagues and customers, to use computer software and hardware. They will implement the organisation’s computer infrastructure including networks, cyber security, automation scripting, advanced servers and project management. From IT customer support to Cloud Manager, this career has great growth potential!

Is it a skill in high demand?

YES! Our Employment Pathway team, who is constantly in contact with NZ IT industry, confirms the high demand. Upon their graduation, students are supported by Techtorium Employment Pathway team to find their first employment.
While you are still in secondary studies, you can access our short courses to get a first taste of computer engineering. Accessible from Year 12 and 13, these taster courses will help you access our Tertiary education diplomas.

Contact us for more information.

**How do I start?**

Start full-time studies in Software Development at Techtorium

**Career:**

**IT Support Engineer**

Salary average: $46K-$65K per year

(Source: Absolute IT, January 2018)

**Career:**

**System Administration**

Salary average: $66K-$90K per year

(Source: Absolute IT, January 2018)

**Career:**

**Cloud architect**

Salary average: $112K-$140K per year

(Source: Absolute IT, March 2018)
What will I learn?

- Automation
- Scripting
- Visual Studio 2017
- System Centre
- PowerShell
- Hyper-V
- Server Infrastructure
- Troubleshooting
- Private Cloud
- Cyber Security
- Hardware
- Cloud Storage
- Networks
- Customer Support
- Connectivity
- Active Directory
- AWS
- Network Load Balancing
- ITIL
- Advanced Servers
- Microsoft Exchange
- Data Recovery
- Agile
- Hybrid Cloud
- Microsoft Azure
- Windows Server
- Office 365
- Project Management
- Web
- Application Proxy
- Domain Name
- System
- agile
- Citrix
- Cloud
- Office 365
How to turn my passion into a career?

Hi Ofelia, how did you discover your interest for Computer Engineering?

I wanted to become like my dad, I am introverted and am perfectly happy to fix things, but my dad is a mechanic and I didn’t really enjoy mechanics. I loved playing with computers and learning how they work and how to put them together.

What have you learned during your studies at Techtorium?

Everything that I learned during my time at Techtorium is what I do everyday at New Era IT. Yes everything, from Active Directory to Group Policy, from Creating users to setting up PCs and much more. All of these help me get where I landed. Everything is helpful.

Before I started at Techtorium, I was not confident with public speaking, I could barely do any form of presenting in-front of the class, but Techtorium pushed me out of my comfort zone. I now realise the importance of communication in every job.

You are now a System Administrator for New Era, working at Mt Roskill Grammar School. Can you tell us more?

Where I am right now (New Era IT) is a dream come true for me. At Techtorium, the first and most important thing is STUDY and they will give you the experience and what you need to know to make your career in IT come true. Techtorium staff members shaped me, taught me and they gave me the experience that I needed for interviews. All staff members will take their time to chat with you if you need any help.
Techtorium Employment Pathways managers built the partnership with New Era allowing them to recommend Ofelia’s profile for the System Administrator role.

On the other hand, Employment Pathways prepare Techtorium students to become work ready by providing a range of workshops such as: goal setting, employability skills, teamwork, self-management, communication, problem solving, interview skills, CV building ...to name a few.

Throughout the year, the students also have the opportunity to gain communication skills and work experience as Techtorium ambassadors.
Feel free to contact us

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