

Leon Bowie

DEVOPS ENGINEER · EDUCATOR · HACKER

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Summary

Dedicated technology professional with a strong background in education and leadership. Experience in both the non profit sector and the private sector across software engineering and education in various roles including developer, mentor, team lead and founder. A strong focus on relationships and working with others to either support or lead the team to accomplish goals while ensuring quality and consistency. My experience includes research, teaching, and various volunteer roles, demonstrating my commitment to technology and community engagement.

Work Experience

Tūhura Tech

Wellington, New Zealand

FOUNDER

Since 2022

- Founding member of the charity and running the overall operations and charity functions.
- Responsible for funding, sponsorship's and partnerships with local government, central government entities and cooperates
- Designed resources and courses in conjunction with schools, staff and industry to follow best practices.
- Delivering sessions across the region to youth (age 9-18) focused on topics starting with Scratch and extending to Game Dev, Robotics, Cyber Security and more.

FNZ

Wellington, New Zealand

LEAD DEVOPS ENGINEER

Since 2021

- Created and run the global DevOps Engineering Team overseeing all CI/CD and Source Control across the company and acquisitions
- Designed, proposed and run the DevOps Transformation Project to modernise development and release processes.
- Integrated tooling and platforms across legacy and modern codebases in a variety of programming languages to have consistent release and testing processes.

Te Herenga Waka - Victoria University of Wellington

Wellington, New Zealand

RESEARCH ASSISTANT

Oct. 2021 - Nov. 2022

- Designed and built infrastructure combining Cloud SaaS services and custom programs to intake sensor data from IoT sensors and store in distributed data storage.
- Helped with research around different areas of the project from implementing hardware to researching background information and writing technical and research reports

Matamoe Hub

Wellington, New Zealand

MENTOR

Nov. 2020 - May 2021

- Designed, wrote and delivered free programming technology courses to students from year 5 to year 13. These courses covered Scratch, Python, HTML/CSS/JS, Robotics, Computer Vision and Machine Learning.
- Designed and pitched the initial concept and helped secure the initial funding helping found the initiative.

Awards

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| 2024 | Finalist - Education and Youth Development (Tūhura Tech) , Wellington Community Awards |
| 2023 | Runner Up - Education and Youth Development (Tūhura Tech) , Wellington Community Awards |
| 2022 | 1st Place (Grand Champions) , NZ Cyber Security Competition |
| 2022 | Faculty Club of Year (VEC) , VUWSA Supreme Club Awards |
| 2022 | Contribution to Clubs Award , VUWSA Supreme Club Awards |
| 2022 | Runner Up, Club President , VUWSA Supreme Club Awards |
| 2021 | 3rd Tertiary, 5th Overall , NZ Cyber Security Competition |
| 2020 | Wild at Heart Community Spirit Award , Wellington Airport Community Awards |
| 2019, 2020 | Selected to Represent NZ at Robocup Junior World Championships , RoboCup NZ |

Education

Association Montessori International

Online

MONTESSORI 12-18 ORIENTATION

2024

- Foundational Montessori theory and methodology for working with adolescents (12-18 years)

Te Herenga Waka - Victoria University of Wellington

Wellington, New Zealand

BSC. IN COMPUTER SCIENCE

2021 - 2023

- Specialisation in Cyber Security and Machine Learning/Artificial Intelligence

Volunteering

- 2024 **NZ Coordinator**, DownUnderCTF
- 2022 - 2024 **Tūhura Tech - Trustee**, Tūhura Tech
- 2024 **TechStep Presenter and Panellist**, TechStep
- 2024 **AquaBots Referee**, Ministry of Inspiration
- 2024 **VEX VRC & VEX U Referee**, Kiwibots
- 2023 **VEX IQ Head Referee**, Kiwibots
- Since 2022 **Wellington Regional Coordinator**, KiwiBots
- 2022 - 2024 **Tūhura Tech - Chair**, Tūhura Tech
- 2022 - 2023 **VUWSA Clubs Council Representative**, Te Herenga Waka - Victoria University of Wellington
- 2022 **VUWSA Student Academic Committee Representative**, Te Herenga Waka - Victoria University of Wellington
- 2022 **VUWSA Student Assembly Representative**, Te Herenga Waka - Victoria University of Wellington
- 2022 **Faculty of Engineering Student Representative**, Te Herenga Waka - Victoria University of Wellington
- 2021 - 2022 **President of the Victoria Engineering Club**, Te Herenga Waka - Victoria University of Wellington
- 2021 **Vice-President of Victoria Robotics and Mechatronics Club**, Te Herenga Waka - Victoria University of Wellington
- 2022 **VECCTF 2022 Main Organiser**, Victoria Engineering Club and Partners
- 2021 **RoboCup Wellington Organiser and Head Referee**, RoboCup NZ
- 2016 - 2021 **Code Club Volunteer**, Code Club NZ
- 2020 **RoboCup Otago Referee**, RoboCup NZ
- 2017 **Founded Aspiring Computer Science Trust**,