

# BRAYDEN HAMILTON

Auckland, New Zealand

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I am a diligent tertiary student with high academic, career and sporting aspirations. I am currently in my third year at the University of Auckland studying a Bachelor of Engineering (Honours), specializing in Computer Systems.

I am recognised as a likeable individual, with high levels of empathy and a calm and collected attitude. Collaborating effectively in teams comes naturally to me, and I am both willing and competent to demonstrate leadership, when necessary, always ensuring respect and cooperation. My inquisitive nature drives me to constantly seek opportunities for growth and learning, continuously striving to improve myself.

I am committed to pursuing an Olympic pathway in my sailing. I am currently sailing 49er with a cohort of New Zealand's best u25 sailors. I am currently campaigning in the 49er towards the 2024 Junior World Championships. I am a recipient of a Prime Ministers Scholarship from High Performance Sport NZ, assisting me to continue to pursue my high-performance sailing aspirations alongside my study.

## SOFTWARE TOOLS AND LANGUAGES

Java	Git	GitHub
Snowflake	C	MATLAB
Visual Studio Code	Object Orientated Design	User Story Development
IntelliJ IDEA	Atlassian Toolset	SQL
Android Studio	Python	PyTorch
Anaconda Environment	PyQt5	

## KEY EXPERIENCES AND SKILLS

- **EROAD (2023 – 2024) - Software Engineering Intern**

As part of the analytics team, I was tasked to develop a new Java backend service for report generation. It had to make use of Snowflake queries and tables to build these reports which were scheduled by a separate pre-existing system. This project grew my Java skills significantly and taught me how to use spring framework and spring boot to develop the API. Alongside this intern project, I gained a deep understanding of agile frameworks and how as a team we used scrum methodology to effectively deliver work of the highest standard.

- **Private sailing coaching (2022 – 2023)**

I was engaged to coach two young Optimist sailors privately across their season. It was a privilege to work closely with these two individuals to help mentor and fast track their sailing skills throughout the season. As a result, they were both selected to represent New Zealand

internationally and one of the sailors became the female national champion which far exceeded her expectations.

- **Sailing Coach at Murrays Bay Sailing Club (2021 - 2022)**

I was appointed as a member of the coaching team supporting multiple groups of young optimist sailors ranging from those who are just learning the aspects of racing to more experienced optimist sailors competing at a national level. I was promoted to head coach of the green fleet (sailors starting to learn to race) and coached a group of the top sailors at Optimist Nationals.

- **Harken (2021 – 2022) – Retail and warehouse**

Over my year spent working at Harken I was involved and trusted with a variety of different roles around the store. I started off working in the store providing customers with advice and support and operating the checkout. Over my time I was also involved in the warehouse managing stock and shipping out online orders.

- **Sailing Coach at Wakatere Boating Club (2020 - 2021)**

Wakatere gave me a great introduction to coaching and how to communicate with students to optimise their experience. This process was aided working alongside Wakatere's head coach to introduce and teach younger sailors teams racing in the two-handed class the RS Feva.

## EDUCATION

Bachelor of Engineering (Honours), University of Auckland (2022 – present)

- Specializing in Computer Systems Engineering
- GPA: 6.063 (B+ grade average)

Westlake Boys High School (2017 – 2021)

- NCEA Level 3 Excellence Endorsed
- 1st in NCEA Level 3 Physics (Westlake Boys High School)
- Level 3 Excellence subject endorsements in Physics, Calculus, Statistics, And Physical Education
- Captain - Westlake Premier Sailing team (2021)
- Finalist for Sportsman of the year and was awarded Colin Pascoe Cup for Attitude and Sportsmanship (2021)
- Member of Westlake Premier Sailing team for five years

2021 First Aid and CPR trained.

## AWARDS

- 2023 Sports Blues Award Winner
- 2021 National Champion 29er (high performance youth class)
- 2021 National Champion Harken Secondary Schools keelboat championship
- 2021 Harbour Sport Junior team of the year
- 2021 & 2019 Volvo Yachting NZ Excellence Awards – Youth Performance Award

- 2020 – 2021 A member of the Pre-High Performance Athlete Development (Pre HPAD) program run by High Performance Sport New Zealand (HPSNZ)
- 2019 29er World Championships – 5th Place Overall
- 2019 A part of the Pathway to Podium Program run by High Performance Sport New Zealand (HPSNZ)

## PERSONAL INTERESTS

Sailing is a huge part of my life and I have aspirations of winning an Olympic medal in the future. I also enjoy playing sport for the social aspect rather than for competition. I currently play social netball weekly and occasionally golf around my sailing and university commitments. Although I am a competitive person, I enjoy being involved in other sports that allow me to have an escape from the world of high-performance sport.

## TRANSCRIPT

Course Name:	Grade Achieved:
Academic Integrity Course	Completed
Principles of Engineering Design	A-
Engineering Mechanics	A
English Language Competency	Completed
Mathematical Modelling 1	B-
Materials Science	B
Electrical and Digital Systems	A-
Introduction to Engineering Computation and Software Development	A+
Exercise and Fitness: Myths and Reality	B
Fundamentals of Computer Engineering	C+
Fundamentals of Electrical Engineering	B-
Mathematical Modelling 2	B
Object-Oriented Programming	A+
Computer Systems Design	B
Workshop Practice	Completed
Electronics	B+
Professional Skills and Communication	A+
Software Quality Assurance	B+
Mathematical Modelling 3ECE	In Progress
Managing Projects & Innovation	In Progress
Digital Systems Design	In Progress
Design: Software Practice	In Progress
Software Architecture	2024 Semester Two
AI and Machine Learning	2024 Semester Two
Microcomputers	2024 Semester Two
Design: Hardware Software	2024 Semester Two