

# Muhammad Jamaalullah Abdul Rahman

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## Mechanical Engineering undergraduate at University of Auckland (2<sup>nd</sup> year)

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### KEY SKILLS

- Team player with leadership capabilities.
- Excellent written and verbal communication.
- Reliable and self-motivated.
- Strong analytical and problem-solving skills.
- Strong Emotional intelligence and quick to adapt.
- Basic milling, turning and welding.
- Skilled in Inventor.
- Experienced in C and MATLAB.
- Proficient in Excel, Word and PowerPoint.
- Keen interest engineering projects including design and development.

### EXPERIENCE

#### Singapore Police Force - Singapore

(02/2022 - 02/2024)

Assistant Navigational Officer (National Service)

- After completing high school, I returned to Singapore to complete my 2 years of mandatory national service as a policeman. I performed well in basic training and was selected to be in the Officer Cadet Training programme. I graduated as Police Inspector and was stationed as an Assistant Navigational Officer in the Singapore Police Coast Guard.

#### Harvey Norman - Rotorua

(12/2019 - 02/2020)

Summer Job

- I had a summer job as a salesperson at Harvey Norman mainly helping with the online orders, packaging and shipping them out. Helped to generate receipts for new products that came in.

### EDUCATION

#### University Of Auckland (2024 – current)

Currently a 2nd year Mechanical Engineering student at the University of Auckland

#### Rotorua Lakes High School (05/2017 - 11/2021)

I studied at Rotorua Lakes High School from year 9 to year 13 and achieved NCEA level 3

### PROJECTS

Robot	Built a robot in university as a group project for my design course MECHEENG 235. Designed the body using <b>Inventor</b> , and then putting the drawings into <b>Adobe Illustrator</b> , for laser cutting. During assembly I used processes such as <b>soldering</b> the electronic components onto motor drives.
Coding projects	Used <b>MATLAB</b> for image manipulation and was making a game called SOKOBAN using <b>C programming</b> for my coding course.
ECE furniture	Designed and made a custom carpentry work bench and play clothes storage for an early childhood for my client. Used <b>Inventor</b> and made the product out of MDF and timber.
Engineering Skills	I have used manual <b>millings</b> , <b>turning</b> and <b>MIG welding</b> . Also, proficient additive manufacturing using <b>3D printing</b> .

### AWARDS

- Best trainee in Police Officer Basic Course
- Completed Outward Bound Singapore, a 19-day leadership course
- Commissioned with the rank of Inspector
- James Edwards Memorial Trophy for Geography in Year 13
- Water Polo - Sportsmanship Social
- Hockey - Players' Choice