

Akitha Medagoda

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<https://akitha02.github.io/portfolio/>

OBJECTIVE

Entry-level Mechanical Engineering Intern with knowledge of Design projects. Trained in principles of mechanical engineering, design practices and [C, python, AutoCad(Autodesk inventor)]. Highly organized, analytical and detail-oriented.

PROFESSIONAL EXPERIENCE

Mechanical Assistant

Mar 2022 – June

Cable-Ways -Avondale, AUK

- Mechanical assembler.
- Construct server and battery cabinets from scratch.
- Operate drill press and sheet metal shear machine.
- Operating pneumatic rivet and nutsert gun.
- Maintain utmost discretion when dealing with sensitive topics.

Fabrication Welder

Nov 2021 – Jan 2021

CMP controls. - Mangere, AK

- This role was to help produce electrical Transformers of varies sizes and specifications
- Operating Auto welding machine.
- Manual TIG welding non machineable parts and fixing errors caused by the auto welder.

Production Worker

Jul 2021 – Jul 2021

Eden Office. - Mangere, AUK

- Supported machine operators in setup and operation of production equipment resulting in efficient runs.
- Conducted performance tests and quality assurance tests of goods to meet product certification requirements.
- Manufactured office furniture using electric and air compressed tools. About 250 chairs per day.
- Assisted Forklift drivers and hoist crane drivers.

Volunteer**Jun 2015 – Aug 2017**

Auckland grammar school - Newmarket, AUK

- Volunteered with groups and organizations to help make measurable differences for program recipients.
- Spoke with community organizations to boost outreach and highlight programs successes.
- Collected donations for causes such as Cystic fibrosis, Auckland city mission.
- Environmental clean up, mainly around Mount Eden.

EDUCATION**Bachelor of Mechanical Engineering,****Mar 2020**

- *Member of Motorsport Club*
- *Member of Mechanical and Mechatronic student association*

University of Auckland - Auckland city, AUK

Highschool diploma,**JAN 2015**

- *Member of Cycling squad, Interact club, Cricket, orienteering*

Auckland Grammar school - Newmarket, AUK

**ADDITIONAL
SKILLS**

- Expert in Microsoft Office, with a focus on Excel
- Fluent in Autodesk inventor and in ANSYS
- Web and tech savvy, require little to no training
- Advanced in C, Python, Html ,CSS, Javascript

INTERESTS

I enjoy improving my programming skills in my leisure time by doing projects.

I am currently designing a robot to compete in the robotics olympiad.

Regular member of the local gym.

REFERENCES

CAN BE PROVIDED ON REQUEST