

Aditya Prawira

Mechanical Systems Graduate Engineer

Master's student specialized in Robotics and Mechatronics Engineering. Dedicated to learn and improve autonomous systems to reduce human interaction in manufacturing complex designs.

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Melbourne, Australia 📍

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github.com/adit-prawira 🐙

TECHNICAL SKILLS

Data, and Object-Oriented Programming

Python, MATLAB, Excel, C, C++, & Java,

Documentation

Project Management Report and Analysis

Web Development Programming

Javascript, HTML, & CSS

CAD Modelling

SOLIDWORKS, & Fusion 360

EDUCATION

Master of Engineering (Robotics and Mechatronics Engineering)

Royal Melbourne Institute of Technology (RMIT) University

07/2020 - Present

Melbourne, Australia

Courses

- Risk and Project Management
- Research Method in Engineering
- Innovation and Technology Management
- Advanced Robotic Systems

Bachelor of Science (Mechanical Systems)

University of Melbourne

07/2017 - 07/2020

WAM: 71.417

Relevant Courses

- Systems Modelling and Analysis
- Foundation of Computing
- Engineering Computation
- Object-Oriented Programming
- Real Analysis
- Complex Analysis

WORK EXPERIENCE

Music Producer

Self-Employed

04/2020 - Present

Melbourne, Australia

Produce, sell, and distribute music through Distrokid

Music Producer

- Sound Design.
- Mix and Master Engineer.
- Holds more than 1000 listeners. Holds more than 1000 listeners.

PERSONAL PROJECTS

Artist Web Page Development (10/2020 - Present)

- Building a website with HTML5, CSS, and JavaScript.
- Improve web development programming experiences through application.

Warman Project (03/2020 - 05/2020)

- A team of 4 that construct and develop competitive autonomous device to be competed in Warman Competition 2020
- The device was predicted to win the competition or at least secure a top 5 position

Art Exhibition (07/2016 - 03/2017)

- Develop 7 artworks (2 sculptures, 3 paintings, and 2 photographs) to be exhibited in Sekolah Pelita Harapan Sentul City (SPH SC) art exhibition event
- Improving technical skills and disciplines.

VOLUNTEER EXPERIENCE

Summer Program Student Mentor

Sekolah Pelita Harapan Sentul City (SPH SC)

05/2015 - 06/2015

Bogor, Indonesia

International School with International Baccalaureate (IB) program

Mentor

- Teacher's assistant to mentor upcoming new students in summer camp program.
- Assignments examiner.

Secondhand Product Promoter

Sekolah Pelita Harapan Sentul City (SPH SC)

03/2015 - 03/2015

Pulau Pramuka, Indonesia

Sekolah Pelita Harapan Sentul City (SPH SC)

Promoter

- Sell secondhand products and collect donations.
- Build good relationship and interaction to support the poor.

CERTIFICATES

Golden Coin Awards (03/2016) (03/2016 - 03/2016)

Award bestowed upon a group that achieved the highest sale in Business Marketing Project in Pulau Pramuka, held by Sekolah Pelita Harapan

FOR SHOWING IB PROFILE - COMMUNICATORS
(06/2012 - 06/2012)

LANGUAGES

English

Full Professional Proficiency

Indonesian

Full Professional Proficiency