Andrew J Hadimaja

Electrical Engineering major - University of Washington, Seattle

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About Me

Programming : Python, Bash, Java, MATLAB, PHP, SystemVerilog **Data Science** : SQL, Python with NumPy and Pandas, Microsoft Excel

Web Development : HTML/CSS, Flask

Art Technologies : Adobe Photoshop, Adobe Premier Pro Security : Kali Linux: Hydra, Aircrack-ng, wireshark

Experience

Sqiva Sistem Jakarta, Indonesia

Software Engineer Intern

Jun. 2019 - Sep. 2019

- -. Creating web-based apps for ticketing for RTS (Rail Ticketing System)
- -. Learn and teach the clients how the app works

Shoreline Community College

Shoreline, WA

Math Tutor Sep. 2019 – Jun. 2020

-. Tutoring students to better understanding of Calculus, Linear Algebra, Differential Equation, Multivariable Calculus, and Statistics

Competitions and Personal Projects

Sudoku Solver

- -. Build a sudoku solver that takes a 9x9 sudoku board and fill it with compatible answer
- -. Built using Python focusing on recursion and backtracking algorithm

Flappy Bird

- -. Build a flappy bird simulation with SystemVerilog on FPGA board and 16x16 LED matrix
- -. Focusing on math algorithm to build the random pipe generator and the pipe shifter

Compete in National Data Science Challenge 2020 by Shopee

- -. Compete two rounds data science problems.
- -. Using Python with NumPy and Pandas to compare the two set of data

Education

University of Washington, Seattle

Seattle, WA (Sep. 2020 – Present)

-. B.S. Electrical Engineering

Expected graduation Jun. 2022

-. Concentration: Digital Signal & Image Processing

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-. GPA: 3.70

Shoreline Community College

Shoreline, WA (Sep. 2018 – Jun. 2020)

-. A.S. Associate in Science Transfer

Graduated with Honors

-. GPA: 3.82