Andrew J Hadimaja

Electrical Engineering major - University of Washington, Seattle

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| https://github.com/andrewh265 | https://andrewh265.github.io/andrewhPortfolio/

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

    -. GPA: 3.70

Shoreline Community College   Shoreline, WA (Sep. 2018 – Jun. 2020)

    -. A.S. Associate in Science Transfer   Graduated with Honors

    -. GPA: 3.82