

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, 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

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
- Concentration: Digital Signal & Image Processing
- GPA: 3.70

Expected graduation Jun. 2022

Shoreline Community College

Shoreline, WA (Sep. 2018 – Jun. 2020)

- A.S. Associate in Science Transfer
- GPA: 3.82

Graduated with Honors