

SAN MIN LIEW (JOSHUA)

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EDUCATION

Bachelor of Computer Engineering

UNIVERSITY OF MINNESOTA (UMN), TWIN CITIES

Technical GPA: 3.56

Expected May 2018

Associate of Science (AS) General Engineering

Edmonds Community College (EDCC), Lynnwood, WA

GPA: 3.64

Jan. 2013 – June 2015

SKILLS

- Java, C++, Visual Basic, HTML & CSS (basic), Assembly (basic)
- Languages: English, Mandarin, Cantonese, Malay
- Version Control: Git

UNDERGRADUATE RESEARCH

Dynamic Mathematical Display, EDCC, Department of Electrical Engineering

Nov.2013 - Feb.2014

- Helped create 3 x 3 pins that plots different shapes from a set of programming code, using sensors, computers, servos and actuation systems
- Helped author and edit the research paper

PROJECT

Game Based Alarm Clock, Course Final Project, UMN

Dec 2015

- Created a Game Based Alarm Clock using two Particle Photon microcontrollers, coded in C++
- Responsible for creating the microcontroller that buzzes at a set time with a light show and turns off when the user wins the game of pattern matching for the other microcontroller

Huffman Compression, Course Final Project, EDCC

May 2015

- Led a team of 3 to compress a text file by creating a file with a .huf extension using Huffman Compression concept in Java
- Delegated tasks and milestones for each teammate

WORK EXPERIENCE

Office Assistant, International Student Services, EDCC

Nov. 2013 – July 2014

- Answered phone calls, handled 1000+ student applications per quarter and interacted with diverse students by assisting them in fulfilling their questions or needs
- Supported the front office in accessing emails, developed letters (visa renewal letter, Social Security number, Confirmation letter) for international students

Office Assistant, M & E Engineering Consultant Company, Kuala Lumpur, Malaysia

July 2011 – Dec. 2011

- Estimated quantities, measurements, and cost for air - conditioning blueprints before due dates
- Entered data into Excel Spreadsheet from the blueprints to ensure accuracy
- Prioritized and managed 20 projects with tight deadlines

AWARDS AND ACTIVITIES

Computer Science Student of the Year, EDCC

May 2015

Phi Theta Kappa Honors Society, EDCC

March 2015

Undergraduate Research Award, EDCC

June 2014

The Boeing Company Scholarship, EDCC

January 2014