

## SAN MIN LIEW (JOSHUA)

425-773-8279 ■ joshualiew93@gmail.com ■ 980 Jefferson Commons Circle Apt 2106 A, St. Paul MN ■ liewsanmin.github.io

### EDUCATION

---

#### Bachelor of Computer Engineering

Expected May 2018

UNIVERSITY OF MINNESOTA (UMN), TWIN CITIES

Technical GPA: 3.56

#### Associate of Science (AS) General Engineering

Jan. 2013 – June 2015

Edmonds Community College (EDCC), Lynnwood, WA

GPA: 3.64

### SKILLS

---

- Java, C++, Visual Basic, Assembly (basic), HTML & CSS (basic), Verilog
- 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