**Wesley Nguyen**

3825 Tivoli Court, Stockton, CA 95212 (209) 774-6180

wnguyen370@gmail.com

**OBJECTIVE:** To hone and refine my knowledge and understanding of computer hardware and software.

**EDUATION:** ***CSU Sacramento***

***Bachelor of Science, Computer Engineering*** Fall 2020

**COURSEWORK:**

Program Concept and Methodology Computer Hardware Design

Introduction to Logic Design Data Structure and Algorithm Analysis

Introduction to Computer Architecture Operating System Principles

Introduction System Programming in UNIX Electronics I

Introduction to Circuit Analysis Network Analysis

Computer Networks and Internets Signals and Systems

Advance Computer Organization Database Management Systems

Advanced Logic Design Operating System Pragmatic (*In Progress*)

Computer Interfacing Cmos and Vlsi (*In Progress*)

Discrete Structures Probability and Random Signal (*Fall 2020*)

**KNOWLEDGE & SKILLS:**

**Programming Languages:**

C C++ Java HTML MySQL Python Verilog VHDL

**Software:**

Microsoft Word Microsoft Excel Microsoft PowerPoint

**Others:**

Hardware Assembly/Disassembly Software Troubleshooting

**PROJECT EXPERIENCE:**

**Automated Greenhouse System**

* Utilized Arduinos to create an I2C network of abstracted sensors and relays, controlled from a master I2C device.
* Project was done to recognize a proof of concept to abstract sensor and relays, as we acknowledged the fact that utilizing multiple Arduinos was highly inefficient.
* Worked in a team of four, learned how to effectively communicate with one another and set goals.

**OS Pragmatics *In Progress***

* Utilize primarily C, ASM, and SPEDE to design and implement a multitasking operating system.
* Working in a team of three, learned how to effectively manage a repository, deal with scheduling conflicts, and how to compromise.

**VOLUNTEER EXPERIENCE:**

**Religious Service Consultant Mary Help of Christians Center Aug. 2017 - Present**

- Provide training to altar servers for religious services.

- Assist with technology troubleshooting.

- Stepped down from Assistant position for more time flexibility to focus on my education.

**Religious Service Assistant Mary Help of Christians Center June 2008 - Aug. 2017**

- Head Aide to presiding priest.

- Delegated tasks to other aides and oversee general training.

- Interact with the community and help with various tasks (technology troubleshooting, custodial duties, childcare).

**Don Bosco Youth Group (Youth Leader)Mary Help of Christians CenterAug. 2011 - May 2016**

- Guardian for students between the ages of 6-15 years old during weekly catechism classes.

- Involved in the student’s learning and recreational activities.

- Assist adults with various tasks, such as cleaning, lunch duty, and purchasing school supplies.