Zong W. Lee

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OBJECTIVE

To acquire employment with an organization that offers a positive atmosphere to contribute my skills and abilities, and additionally gain experience, learn and implement new skills and innovations for the advancement of the organization.

EDUCATION

Merced College | Merced, CA | 2016 – 2018
Associate of Science - Computer Science
Associate of Science - Mathematics
Associate of Science - Physics

University of California Merced | Merced, CA | 2018 – 2021
Bachelor of Science - Computer Science and Engineering

EXPERIENCE

University of California Merced | Merced, CA
Operating Systems - 2019
- Collaborated with multiple colleagues to complete an incompleted thread system to solve several synchronization problems and support multiprogramming.

Computer Architecture - 2020
- Implemented an instruction interpreter for a subset of MIPS code that will fetch, disassemble, decode and execute MIPS machine instructions to simulate each state in computation.
- Implemented a cache logic behind cache so that a MIPS simulator will be able to run MIPS instructions.

Computers and Networks Security - 2020
- Implemented encryption algorithm of the Advanced Encryption System (AES) for 128 bit key, assuming the plaintext input message is always the length of 128 bits.

Software Engineering - 2021
- Collaborated with multiple team members to design and develop software for clinical sensor to log data for patients.

Object Oriented Programming - 2021
- Created clean programs in Linux utilizing the gcc compiler and makefiles to demonstrate concepts of object-oriented design.
- Developed needed objects and data structures to solve given computation problems and in the development of implementation projects.

SKILLS

General	Technical	Communication	Qualities
Bilingual & Biliterate (Hmong/English)	C++	Interpersonal	Adaptable
Organizational	Docker	Listening	Good Listener
Problem-Solving	Github	Logical Thinking	Motivational
Research & Analysis	HTML	Verbal	Punctual
Teamwork	Java	Written	Quick Learner
Time management	Linux		
	MATLAB		
	Python		