

Chanxay Bounheuangviseth

Orlando, FL • Mobile: (561)373-9665 • chanxayb@gmail.com • www.linkedin.com/in/chanxay-bounheuangviseth

EDUCATION

University of Central Florida, Orlando, FL
Bachelor of Computer Engineering

July 2022

EXPERIENCE

UCF/Lockheed Martin CWEP – Orlando, FL

May 2021 - Present

Software Engineer

- Developed unit tests to support product testing before release using Google Test and dedicated libraries in C++
- Aided software development for MFC Orlando through the implementation of new improvements to existing code and bug fixes
- Created a pipeline job to remove stale and unused packages from project modules

University of Central Florida – Orlando, FL

October 2019

STEM Day Mentor

- Guided students through the university while they engaged in an array of activities
- Utilized STEM Day routes and scheduling according to procedures provided by the university
- Ensured the safety of attendees by maintaining an orderly system of congregation

Cinepolis Luxury Cinemas – Jupiter, FL

October 2015 – April 2017

Team Leader

- Collaborated with cast members through team-building exercises to ensure an efficient workplace environment
- Supervised company operations by identifying and aiding in circumstances regarding customer service
- Organized the supply room and performed closing procedures according to company policies

PROJECTS

Two-Tier Client-Server Application

October – November 2021

- Designed a Java GUI front-end application that connects to a MySQL database via JDBC to execute SQL commands against

Ultrasonic Distance Sensor

March – April 2021

- Demonstrated the capabilities of the UDS using the MSP430FR6989 microcontroller and breadboard, in conjunction with outside peripherals to accurately measure distance between an object and the sensor

Mortgage Calculator

November 2019

- Created a program that analyzes mortgage loan payments and calculates payoff duration according to principal, interest rate, and monthly/yearly payments
- Acquired stronger proficiency in communication skills after demoing the project for non-engineering individuals

Asteroids Game

August 2019

- Engaged in the creation of an object-oriented program with Java to simulate a game consisting of destroying asteroids to accumulate points
- Developed a better understanding of the Java programming language and the Eclipse IDE for future knowledge

HONORS

- UCF President and Dean's List
- Bright Future's Medallion Scholar
- UCF Scholar's Award Recipient
- Millican Gold Merit Award
- National Science Foundation (NSF) Flit Path Scholar

SKILLS & OTHER

C, Java, C++, MIPS Assembly, SQL, Python, Microcontrollers, Autodesk Fusion 360, EAGLE, Multisim, MATLAB, LTspice, MySQL, Docker, Containers, Google Test, Unit Testing, JIRA, Confluence, Git, GitLab