

CHRISTOPHER LIN

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EDUCATION

Purdue University, West Lafayette, IN

expected May 2020

Computer Science B.S

Related Coursework: Object oriented programming, Discrete math, C programming, Data structures and Algorithms, Computer Architecture, iOS dev, Multi-variable Calculus, Statistics, Linear Algebra, Probability

SKILLS

Languages: Java, Python, C++, JavaScript, Swift, R, HTML and CSS,

Technologies/Frameworks: Flask, Angular2, Git, Firebase, MongoDB, Android Studio

WORK EXPERIENCE

ExaLEAP

December 2017 - January 2018

- Created a platform for a task based project management system as well as a life management system using Angular2 for front-end and Python and Flask for the back-end
- Includes functionality to create, complete, delete, and delegate tasks and functions as a work/life portal

COURSE PROJECTS

File Compressor

February 2018

- Created a file compressor in C++
- Utilizes Huffman coding for lossless data compression
- Huffman tree for encoding is created using the heap data structure

Internet Relay Chat Server and Client

December 2017

- Made a multi user chat software using C++ for the backend and C++ and QT for the front end
- Allowed users to create an account and login, create chat rooms, and switch between multiple chat rooms

PERSONAL PROJECTS

Instagram Clone

February 2018

- Created using swift for the frontend and firebase for the backend
- Allows users post to a feed, view other people and stores their posts in firebase database/storage
- Utilizes email authentication for login

Twitter Client

June 2017

- Made with swift and the Twitter API
- Allows users to log in using OAuth and includes most of the functionality of the original app.

Semiconductor Data Analysis Software Script

May 2017

- Wrote script to convert .xml to .csv file
- Created wafer overlay vector maps and correlation plots for issue diagnosis

INTERESTS/AWARDS

Greater Lafayette Startup Weekend 1st Place

Fall 2017

US Open Piano Competition 2nd Place

Spring 2015