

# CHRISTOPHER LIN

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## EDUCATION

**Purdue University**, West Lafayette, IN

expected May 2020

*Computer Science B.S, GPA: 3.6*

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

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## SKILLS

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

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

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## 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

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## COURSE PROJECTS

**File Compressor**

February 2018

- Created a file compressor in C++
- Utilizes Huffman coding for lossless data compression

**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

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## PERSONAL PROJECTS

**Price Tracker**

Ongoing

- Created using swift for the frontend and firebase for the backend
- Allows users to view their followed product's price fluctuations on Amazon using Amazon's product advertising API

**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

- Made a script to convert .xml files to .csv files
- Created wafer overlay vector maps and correlation plots for issue diagnosis

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## ORGANIZATIONS

**ForEach**

January 2018 – present

- A non-profit development group that works with organizations in need of mobile/web apps

**Purdue Hackers**

September 2016 - present

- Attends hackathons and provides tutorial workshops for new hackers