

Xavier Lu

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EDUCATION

CORNELL UNIVERSITY

BACHELOR OF SCIENCE, COMPUTER
SCIENCE

Expected May 2022

Activities: Cornell Blockchain, Cornell
ACM

PRINCETON UNIVERSITY

STUDENT OF SPECIAL STATUS

Sept 2017 - May 2018

WEST WINDSOR-PLAINSBORO HIGH SCHOOL SOUTH

Graduated 2018

West Windsor, NJ

COURSEWORK

CORNELL

Functional Programming

Digital Logic & Computer Organization

Discrete Structures

PRINCETON

Algorithms and Data Structures

Algorithms for Computational Biology

SKILLS

LANGUAGES

Java • JavaScript • TypeScript • C# •
HTML/CSS • SQL • Python • OCaml •
C/C++

TECHNOLOGIES

React • Redux • Git • Ionic •
Unity3D • Django • AWS • Linux •
Algorithms and Data Structures •
Game Development

LINKS

LinkedIn:// [/in/xavier-lu](#)

Devpost:// [xavierlu](#)

Github:// [xavierlu](#)

EXPERIENCE

CORNELL UNIVERSITY | FULL STACK STUDENT DEVELOPER

Dec 2018 –Present | Ithaca, NY

- Developing a web app that matches graduate students with projects uploaded by various companies for the Materials Science & Engineering department
- Using Django, RESTful, React, Redux

AKALA | FRONT-END WEB DEVELOPER

May 2018 –Aug 2018 | Princeton, NJ

- Designed and deployed new UI components for classes, extracurriculars, and journal modules with React for the world's first virtual college counselor
- Optimized application for mobile scalability and connected it to Google API's

ACHIEVABLE | SOFTWARE ENGINEERING INTERN

June 2017 –Sep 2017 | San Francisco, CA

- Developed and tested new login features, quizzing, and study functionalities with React and Redux
- Integrated secure client-side data storage solutions using SQL for offline mode
- Built reusable front-end libraries and functions for gathering and analyzing students' performance data for future use

PROJECTS

CLASS REVEAL June 2016

- Founded an app collecting crowdsourced class roster and schedule data for high schoolers, allowing them to share schedules and connect with classmates
- Made with Ionic and Firebase. Primarily TypeScript and HTML/CSS
- Reached over 3000 and counting local students

ALZHEIMER'S COMPANION 2017 | HackNYU

- Orchestrated intuitive tools consist of Amazon Alexa, Pebble smart watch, and web interface to assist people with Alzheimer's or Dementia
- Utilized Amazon Web Service for Alexa and Amazon DynamoDB. Programs for Pebble were written in C
- Best Assistive Technology and Best Use of Amazon Web Service at HackNYU

OVERFLOW 2016

- Launched a casual puzzle-style mobile game made in Unity3D. Currently live on App Store and Play Store

EXPEDITER 2017 | ProfHacks

- Produced a web of Amazon Echo Dots that serves as personal waiters at tables. They facilitate orders and requests and analyze data for restaurant owners
- First Place and Best Business Award at ProfHacks

SMART SIEVE Feb 2017

- Delivered a Chrome extension that utilizes Clarifai's API to analyze contents to filter and remove image contents deemed inappropriate for viewing

AWARDS

2018 Fifth Place

2017 Platinum Div. (U.S. Top 300)

Bloomberg CodeCon Cornell Qualifier

USA Computing Olympiad