

## Allan La

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## EDUCATION

**Bucknell University,  
Lewisburg, PA**

**May 2018**

B.S.E. in Computer Science and  
Engineering,  
Minor in Mathematics

## COURSEWORK

Data Structures  
Algorithms  
Software Engineering  
Computer Architecture  
Programming Languages  
Operating Systems  
Human Computer Interaction  
Databases  
Full Stack Web Applications

## SKILLS

**Proficient:**

Python, C#, JavaScript

**Familiar:**

Java, HTML, CSS, SQL,  
Android, iOS

**Operating Systems:**

Linux

**Technologies:**

React Native, ReactJS,  
.NETCORE, Azure

## INTERESTS

Project Management  
Software Development  
Mobile Development  
IoT Development

## LINKS

<https://allanla.github.io/portfolio/>  
<https://www.linkedin.com/in/allanla>

## RELEVANT WORK EXPERIENCE

**Microsoft | Software Engineer**

September, 2018 - Present | Redmond, WA

- Built an iOS & Android mobile application from scratch which provides a service as a strong authentication proofing solution while ensuring company information and services are protected, secure, and available
- Designed and created our backend architecture from scratch, collaborated with my partner in designing the software architecture of our project for scalability, adaptability, and maintainability.

**Wayfair | Labz Development Internship**

Summer, 2018 | Boston, MA

- Wayfair's software engineering bootcamp to gain understanding of their environment and resources available
- Contributed to Wayfair's feature called "Shop the Look" by creating an API to take images of featured rooms and providing tags to each item in a user friendly way

**UnitedHealth Group | Technology Development Internship**

Summer, 2017 | Boston, MA

- Designed and implemented a machine learning pipeline to automate the manual processing of claims
- Accepted role of Data Master and used R's tidyverse package to manipulate data for machine learning, and creating visualizations for data discovery

**Worcester Polytechnic Institute | Undergraduate Researcher**

Summer, 2016 | Dr. Lane Harrison, Department of Computer Science

- Conducted interdisciplinary data science research through the WPI REU Data Science program with faculty and students
- Researched quantifying Data Literacy based on different types of visualizations and modifications
- Incorporated HTML, JavaScript, and CSS to design experiments to put on Amazon Mechanical Turk, then used R for data discovery

## AWARDS AND LEADERSHIP

**Microsoft CSEO Creates UX Ninja, Core Ninja**

September, 2018 - Present | Microsoft

- Help empower CSEO organization at Microsoft by fostering a community to centralize UX and UI Knowledge by offering resources and services to employees such as lectures and day classes
- Paired with a UX Designer as a mentor to gain UX knowledge by contributing to their projects

**Microsoft CSEO Asian Organization, Core Founder**

September, 2018 - Present | Microsoft

- Helped foster a group within CSEO at Microsoft whose mission is to create an inclusive community and spread awareness of Asian culture

**Robert G. Miller Math, Science and Engineering Scholarship**

2014-2018 | Bucknell University