# EDUCATION

## Bucknell University, Lewisburg, PA

**May 2017**

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, Windows

## Technologies:

React Native, ReactJS,

.NETCORE, Azure, AWS, GraphQL

# INTERESTS

Project Management Software Development Mobile Development

# LINKS

<https://allanla.github.io/portfolio/> <https://www.linkedin.com/in/allanla> [https://livingancestry.app/](http://livingancestry.app/)

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# RELEVANT WORK EXPERIENCE

## Meta | Software Engineer II

December 2021 – November 2022 | Seattle, WA

* Built and delivered the notification project for our iOS & Android mobile companion application from scratch creating, mapping, and maintaining key business logic and all parts of the tech stack to ensure success
* Delivered other key features such as personal statistics, geofencing, etc. which all required working on all parts of the tech stack including frontend, backend, and some data work

## Microsoft | Software Engineer II

November 2019 – November 2021 | Redmond, WA

* Designed and implemented an automated pipeline and APIs to ingest company data to facilitate office reopening plans
* Extended our internal mobile application MyHub to consume the APIs I built to help keep Microsoft compliant for office reopening

## Microsoft | Software Engineer I

September 2017 – November 2019 | Redmond, WA

* Built and delivered an iOS & Android mobile application from scratch which provides a service as a credential onboarding and recovery application
* 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.

## UnitedHealth Group | Technology Development Internship

Summer 2016 | 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

# AWARDS AND LEADERSHIP

## Microsoft CSEO Creates UX Ninja, Core Ninja

September 2017 - November 2021 | Microsoft

* We help empower the CSEO organization at Microsoft by fostering a community to centralize UX and UI Knowledge by centralizing resources and services to employees such as lectures and day classes

## Microsoft CSEO Asian Organization, Core Founder

September 2017 - November 2021 | 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

2013-2017| Bucknell University