

Dyandra Allen

3480 Great Neck Rd, Amityville, NY 11701 | 631-264 -5073 | dyandra.allen@gmail.com | Github: queendallen

EDUCATION

Binghamton University, SUNY, Thomas J. Watson College of Engineering and Applied Science

Bachelor of Science in Computer Science

Expected May 2022

Major GPA: 3.58/4.00 | Overall GPA: 3.56/4.00 | Dean's List: Fall 2018 – Spring 2020

TECHNICAL SKILLS

Languages: C++, C, Python, Java, JavaScript, PHP, React, Ruby

Software and OS: Atom, XCode, Eclipse, Git, OS 11

Additional: HTML, CSS, MySQL

PROFESSIONAL EXPERIENCE

Binghamton University, Web Developer | Binghamton, NY

May 2019 - Present

- Collaborate in a team of four to add functionality to pre-existing forms for the Student Association's Financial Department
- Update JavaScript and PHP files to make forms usable for students
- Incorporated a textbook exchange system for hundreds of Binghamton students, Bearcat Exchange, under the Student Association
- Implement a timesheet for SA employees using Ruby on Rails

Binghamton University, Course Assistant | Binghamton, NY

Aug 2020 – May 2021

- Cooperate with three course assistants to monitor a class of 20+ students.
- Evaluate student essays and present detailed feedback
- Hold weekly office hours and assist students with revision
- Create and maintain spreadsheets to track individual and group progress
- Report problems in group dynamics

Workforce Development Institute, Database Intern | Amityville, NY

Dec 2018 – Jan 2019

- Researched 500 Long Island companies to collect specific information, such as, location and products
- Assembled company information into an easily navigated Excel in order to connect companies with local schools

PROJECT EXPERIENCE

Binghamton University, Android App Developer | Binghamton, NY

August 2021 – Present

- Collaborate with five Biomedical Engineering students to develop a Heart and Lung Sound Trainer for graduate nursing students
- Program an Arduino board to transmit different heart and lung sounds through a stethoscope depending on the diaphragm's location on the body and the medical condition chosen on the app
- Develop an Android App using Java to wirelessly connect to the Arduino board in the stethoscope, thus allowing nursing professors to privately change the sounds

JPMorgan Chase & Co., Software Engineering Virtual Experience Participant | Remote

March 2021 – May 2021

- Visually displayed stock information using Python, React, TypeScript, and JPMorgan Chase's Perspective software

Binghamton University, Front End Specialist | Binghamton, NY

Oct 2018 – Dec 2018

- Created and developed "Match the Bearcat" matching game
- Collaborated in a team of four to build a matching game, containing sound effects and music, based on Binghamton University's mascot, Baxter the Bearcat
- Devised and programmed a GUI utilizing Pygame
- Presented as final project to the class and a faculty member

Codepath.org University, Mobile Application Design Course | Binghamton, NY

Sept 2018 – Dec 2018

- Complete a 12-week program focused on designing and scooping a mobile app using Swift and iOS 12
- Built a functional Flash Card app from scratch over several coding labs

CAMPUS ACTIVITIES

HackBU, Club Member | Binghamton, NY

Aug 2019 – Dec 2019

- Coordinated a group of three during a hackathon
- Learned web and mobile development utilizing HTML, CSS, JavaScript, and Swift
- Networking with more than fifteen companies