

# Amzad Chowdhury

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## EDUCATION

**Queens College (CUNY)** | Bachelors of Arts, Computer Science

Graduated Dec 18

**Coursework:** Data Structures, Computer Architecture, Operating Systems, Algorithms, Database, Distributed Systems, Software Engineering

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## SKILLS & TECHNOLOGIES

**Proficient:** Java, C/C++, HTML, SQL, Git, Bootstrap, iOS Development

**Familiar:** Python, Javascript, CSS, Ruby, Firebase, MongoDB

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## EXPERIENCE

**Research Foundation of CUNY** | DOE IT Intern

Nov 18 - Present

- Installing computer systems and software and diagnosing hardware and software issues
- Repairing and replacing damaged equipment
- Maintaining over 100 laptops and ipads.

**CodePath** | [CodePath iOS University](#) | iOS Software Development Trainee

Sep 18 - Dec 18

- 12-week bootcamp to learn how to build iPhone/iPad applications
- Completed projects using Views, Navigation, Networking and more.
- Recreating popular apps such as Instagram, Yelp, and Twitter

**FIRST Robotics** | Mentor and Programmer

Jan 09 - Present

- Created objective specific robots using design, metal fabrication, wiring, systems integration and testing to fulfill season specific challenge
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## SOFTWARE PROJECTS

**RemoteTranscoder** | [Link](#)

*Java, MySQL, Distributed Systems, Google Maps API, Handbrake, Windows Server 2016*

Developed a windows program to monitor, process, transcode media files with a remote server and catalog the files into media drives.

**Search Engine with Index Engine** | [Link](#)

*HTML, CSS, Bootstrap, MySQL, Java, Javascript*

Created a website to allow users to search for Books based on keywords. The book index is periodically updated with more books based on frequently searched keywords and queries with no results.

**Avenue** | [Link](#)

*Swift, NoSQL, FireBase, Google Maps API*

Developed an iOS app designed to allow property owners to offer parking spaces to drivers. Drivers can find and guarantee parking spaces ahead of time while owners can make a profit.

**Shelter Now** | [Link](#)

*HTML, Javascript, Bootstrap, MySQL, Google Cloud, Accuweather API, Google Maps API*

Created a website that allows users to find shelters closest to them based on location with a detailed list of available amenities with simulated resources and capacity. Targeted for disaster prone areas, i.e Florida.

**PictoMap** | [Link](#)

*Python, Bootstrap, Html, Javascript, JQuery, MySQL, Google Compute Engine*

Created a website that allows users to upload pictures. Embedded picture metadata is used to tag images with specific landmarks or locations. How a location has changed overtime can also be viewed.