

# Ahmad Raza

AhmadRazaNYC@gmail.com | (516) 847-5360 | Brooklyn, NY 11230  
www.razatastic.com | www.linkedin.com/in/razatastic | www.github.com/razatastic

## EDUCATION

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### Brooklyn College

May 2019

Bachelor of Science in Computer Science; **GPA: 3.8/4.0**; Upsilon Pi Epsilon Honor Society

Brooklyn, NY

**Relevant Coursework:** Data Structures, Analysis of Algorithms, Object Oriented Programming, Operating Systems, Design and Implementation of Software & Web Applications, Computer Architecture, Advanced C++, Discrete Structures, Game Design

**Dean's List:** Fall 2017, Spring 2018, Summer 2018, Fall 2018, Spring 2019

## SKILLS

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**Languages & Frameworks:** (*proficient*): Java, JavaScript (React), HTML, CSS (Bootstrap); (*familiar*): C++, Python, SASS, SQL (MySQL)

**Technologies:** Git, Firebase, Docker, Google Cloud Platform (GCP), IntelliJ, Visual Studio Code, Linux, Unix, Windows

## EXPERIENCE

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### Software Engineer, Intern

Jan - May 2019

Brooklyn College

Brooklyn, NY

- Developed a community-centric Lost and Found application that's based on an incentivized award system for finders.
- Utilized Firebase's Cloud Functions to setup live notifications when items are found and SendGrid's API for contacting users.
- Integrated the Google Maps API for a live view of lost items and created a search algorithm for quickly filtering through them.
- Leveraged knowledge in React (React Hooks), Redux, Firebase and REST APIs.

### Software Engineer, Founder

Jun 2018 - Oct 2018

WDBears

New York, NY

- Spearheaded the development of a custom web application that allows for the scheduling of short-term, spontaneous video-game session events as the sole designer and Front-End developer in a team of 3 developers.
- Documented bugs & enhancements with GitKraken Glo (issues board synced with GitHub) & Trello when testing new features.
- Implemented clean, simple, and responsive designs, optimized images, and minified JS and CSS, reducing load times by 15%.
- Applied the DRY principle to create templates, utilized linters & virtual workspaces to enforce good coding practices.
- Leveraged knowledge in HTML5, CSS3 (SASS), JavaScript (Handlebars.js), Git and debugged using Chrome Developer Tools.

## PROJECTS

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### Wishio

Sep 2019 - Current

Web Application · [www.github.com/razatastic/Wishio](https://www.github.com/razatastic/Wishio)

- Building a cross platform application for creating and sharing wish lists amongst friends and family.
- Utilizing: SERN stack (SQL, Express, React, Node)

### CommuniTii

April 2018

Mobile Application · [www.github.com/razatastic/CommuniTii](https://www.github.com/razatastic/CommuniTii)

CUNY Hackathon

- Developed a mobile application in a team of 5 for non-profits that encourages people to socialize in-person and give back to the community using gamification.
- Prototyped interactive mockups in Adobe XD and ported them over to React Native to create the Quest, Chat, and Profile screens.
- Awarded Codecademy Prize at the 2018 CUNY Hackathon & accepted into the CUNY Startup Accelerator Program.
- Utilized: React Native (Expo, Paper/Material-UI), Firebase, Adobe XD, Git

### Whack-A-Prof

Spring 2018

Web Application · [www.github.com/razatastic/Whack-A-Prof](https://www.github.com/razatastic/Whack-A-Prof)

CISC 3140 – Design and Implementation of Web Applications

- Collaborated as the QA Team Lead for a semester-long project to create a clone of the traditional game, Whack-A-Mole.
- Created informative guides & videos for the other teams, managed a Slack group of 20+ developers and converted the project documentation from a Word document to a reader-friendly website.
- Monitored repository changes daily. Tested, identified, documented and reported bugs, errors, and other issues.
- Utilized: HTML, CSS, JavaScript, Bootstrap, Subversion (SVN), Netlify

### TampBud

October 2018

Progressive Web Application · [www.github.com/wdbears/TampBud](https://www.github.com/wdbears/TampBud)

HackAttack

- Designed and developed a platform for women to have quick and easy access to hygienic products during emergencies.
- Resolved merge issues, tracked and updated project dependencies, and created responsive layouts for the Home and Requests page.
- Finalist for the Women's track at HackAttack 2018 (Queens College's annual hackathon).
- Utilized: FERN stack (Firebase, Express, React, Node), Twilio's REST API, JSON, Figma, Git, Heroku, Netlify