

## HARMANDEEP SINGH

Queens, New York | (929) 293-2392

harmandeep.sm@gmail.com | [github.com/SinghHarmandeep](https://github.com/SinghHarmandeep) | [www.linkedin.com/in/Singh-Harmandeep](https://www.linkedin.com/in/Singh-Harmandeep)

### TECHNICAL SKILLS:

JAVA, C++, SQL, HTML, CSS, Swift, JavaScript, TypeScript, JSX, Git, AWS, Docker, jQuery, GraphQL, Bootstrap, ReactJS, Redux, Node.js, Express.js, Django, MongoDB, MySQL, Rest API, NPM, Webpack, NoSQL, RDBMS, SCSS, React-Native

### EDUCATION:

QUEENS COLLEGE, Queens, NY

**B.S. Computer Science** – May 2021

NEW YORK CITY COLLEGE OF TECHNOLOGY, Brooklyn, NY

**A.S. Computer Science** – May 2018

### RELEVANT EXPERIENCE

NEW YORK DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES, New York, NY

February 2020 – Present

#### Software Engineer Intern

- Building the next generation NYC OASys, analyzed the website for bugs & quality analysis in many lifecycle iterations
- Reported the inconsistencies with team and discussed to come up with best solutions, for ADA compliance
- Worked on front end, and communicated with Main Frame team to better migration of data to the new application

CUNY CODE, New York, NY

January 2018 – May 2018

#### Mobile Application Developer

- Developed a fitness application utilizing Java in Android Studios that matches individual needs with workout routines
- Utilized Mobile Vision API for image data extraction, which utilized to search related content over the internet
- Utilized MYSQL to store user's credentials, secured passwords with bcrypt, created schemas and models

NEW YORK CITY COLLEGE OF TECHNOLOGY, Brooklyn, NY

January 2018 – May 2018

#### Emerging Scholars Program Researcher

- Analyzed character relationships in the Game of Thrones books using Python and R Markdown
- Presented at the Mathematical Association of America conference

CUNY RESEARCH FOUNDATION, New York, NY

August 2017 – January 2018

#### AP Computer Science Tutor

- Promoted problem-solving analysis in OOP and the fundamentals of algorithms two classes of over 40 students each
- Evaluated student's code syntax for errors and tracked progress over quarterly milestones
- Disseminated information to students on potential career pathways in computer science field

### PERSONAL PROJECTS

- **OTTO:** Full stack application built using React, TS, NPM, GCP, Webpack, used ExpressJS on NodeJS server, and MongoDB for storage, JWT for stateless authentication. Where user can send and receive packages (Refer to [GitHub](#))

### LEADERSHIP AND HONORS

- **Fellow, America Needs You** (2017 – 2019): Selected from an applicant pool of over 300 first-generation college students in New York to serve in a 2-year career development and leadership training program
- **Tutor, Sikh Student Association** (2014 – 2016): Tutored ESL Students in math, science, and history; Conducted multi-faith workshops to educate students about different religions
- **Volunteer, Red Cross** (2014 – 2016): Raised donations to provide medical assistance to people stuck in catastrophic environments overseas

- **Languages:** Punjabi (native), Hindi (native), Urdu (advanced), Spanish (beginner)