

HARMANDEEP SINGH

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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

TECHNICAL SKILLS

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

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

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

SKILLS

- **Languages:** Punjabi (native), Hindi (native), Urdu (advanced), Spanish (beginner)
- **Personal Interests:** Coding problem solving challenges, Learning Algorithms, Learning new Languages, Rock Climbing