

HARMANDEEP SINGH

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EDUCATION

QUEENS COLLEGE, Queens, NY Fall 2018 – Present
B.S. Computer Science

NEW YORK CITY COLLEGE OF TECHNOLOGY, Brooklyn, NY **A.S. Computer Science** – May 2018

TECHNICAL SKILLS

Coding Languages: JAVA, C++ (Object Oriented Programming), SQL, HTML, CSS, XML, Swift, JavaScript

Technologies: Android Studios, Git, Eclipse, Microsoft Office, Power BI, XCode, Django ORM Rest Framework, Docker

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

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 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
- Utilized SQL to store user's credentials

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
- Evaluated student's syntax for errors and tracked progress
- Disseminated information to students on potential career pathways in computer science

LEADERSHIP AND HONORS

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- **Fellow, America Needs You** (2017 – Present): 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

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- **Languages:** Punjabi (native), Hindi (native), Urdu (advanced), Spanish (beginner)
 - **Personal Interests:** Coding, learning algorithms, learning new languages, Rock Climbing