Rupakshi Aggarwal

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EDUCATION

Queens College, *The City University of New York*   Flushing, NY | Dec 2021
- Bachelor of Science, Computer Science; GPA 3.52
  Transfers Honors Scholarship for outstanding academic performance

Queensborough Community College, *The City University of New York.*   Bayside, NY | Dec. 2019
- Associates in Science, Computer Science; GPA 4.0; Dean's List

TECHNICAL SKILLS & CERTIFICATIONS

Languages: Python, Java, JavaScript, JSX, C++, HTML5, CSS
Technologies: GitHub/GitLab, ReactJS, Angular, Docker, Unit testing with Pytests, Apache Airflow, Cloud infrastructure AWS S3
Certification (from LinkedIn Learning): Data Structures & Algorithms in Java, Programming Foundations: Data Structures, Java: Data Structures, Java Essential Training for Students
Fellowships/Organizations: Grace Hopper celebration Scholar 2021, Rewriting the Code Fellow; Girls Who Code, Officer of Women in Tech Club; Break Through Tech, Director of Skills up; Tapia conference 2020; AnitaB member.

LEADERSHIP AND EXPERIENCE

Flatiron Health – *Software engineering Internship*   *May 2021* -August 2021
- Developed an end-to-end solution to help on-call engineers to identify data problems 50% faster
- Built an Airflow pipeline that automates the process to find and notify about stale data from Flatiron's internal database
- Utilized Agile Scrum framework to get continual feedback and exposure to ensure high quality solution

Flatiron Health – *Software engineering Internship*   *December 2020* - January 2021
- Created ReactJS app to help researchers to find eligible patients in just a few minutes of time Built a PostgreSQL database that stores patient data, read from AWS S3 using boto3 and pandas s3fs
- Built backend that collects and returns queried data by systematic pre-added options, as well as text-based filtering that gives researchers flexibility to add their complex eligibility criteria and returns patient contact information

Services for Students with Disabilities   Bayside, New York
College Assistant - Assistive Technology   February 2019 – Present
- Taught five students with disabilities weekly for six months on how to use different Assistive technologies/devices
- Helped with Managing all aspects of IT and systems administration of Assistive technology throughout the campus

Business Technology Early College High School   Queens, NY
Teacher Assistant for Computer Science   August 2019 – July 2020
- Tutored high schools' students on Computer Science, Architecture, and languages like JavaScript, and Python
- Encouraged a self-motivated environment on a daily basis by frequently asking questions on the problem leading to an increase of ~6% in overall Grade

CUNY Techworks Software developer Bootcamp   New York, New York
Bootcamp Intern - Cyber Security Analyst Enterprise Applications   June 2020 – August 2020
- Designed and developed full stack web development e-commerce React app in a team of 4
- Built two different interfaces for the shoppers to keep a record of their purchase history, and it the client side helps stores to help improve their inventory management.

Queens College   January 2020 – May 2021
- Peer Mentoring: Volunteering as a peer mentor for the incoming freshman and transfer students
- Organized Tech workshops: Organized a workshop every quarter for a year on Different Tech careers for college students

Queensborough Community College   August 2018 – December 2019
- Stocked Food Pantry: A semester of volunteering for the college Food Pantry with Phi Theta Kappa Society
- Tutored Python and OOP in C++: A school year of volunteering to help students with CS and Information Security

ADDITIONAL PROJECTS

TechTogether New York | *Team of 4*- Awarded "Best gaming Hack"   December 2020
- Implemented an interactive a 5 series long game that educate young women about different tech careers.
- Designed the background of the website with Adobe Photoshop, D3 Api to store the series of responses and used **HTML Canvas;** to engage and ensure active learning for young users.

Fund IT | *Team of 5*- Awarded "Best Small Business Hack",   April 2020
- Developed a crowd funding mobile application that democratizes access to capital for minority small businesses
- App works on both Android and iOS platforms, Leveraged Square API to implement payment processing functionality.
- Built Visualizations to analyzes funded data, and promote the businesses owned and run by minority communities.