

Rupakshi Aggarwal

rupakshiaggarwal1999@gmail.com | 347-635-3492 | [linkedin.com/in/rupakshi-aggarwal](https://www.linkedin.com/in/rupakshi-aggarwal) | github.com/Rupakshi1999

EDUCATION

Queens College, The City University of New York

Flushing, NY | Dec 2021

- Bachelor of Science, Computer Science; GPA 3.56
- 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

SKILLS AND CERTIFICATES

Languages: Python, Java, JavaScript, JSX, C++, HTML5, CSS

Technologies: GitHub/Lab, ReactJS, Angular, Docker, Unit testing, Jira, OpenGrok, 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, Web Programming Foundations

Fellowships/Clubs: Grace Hopper celebration Scholar 2021 (vGHC21), Tapia conference 2020, AnitaB; Rewriting the Code, Girls Who Code, Break Through Tech; ACM Club, Officer of Women in Tech Club, Director of Skills up program

EXPERIENCE

Flatiron Health – Software engineering Internship

May 2021 -August 2021

- Developed an end-to-end solution to identify data problems, resulting in 50% faster efficiency for on-call engineers
- Built an Airflow pipeline to automate the process of finding and notifying on Slack about data staleness
- Utilized Agile Scrum framework, worked with continual feedback and ensuring high quality solution

Flatiron Health – Software engineering Internship

December 2020 - January 2021

- Coded Backend for a ReactJS app, collecting real time patient data and saving hours of researcher's time
- Rendered relevant data and built a database that reads patient data from AWS S3 using boto3 and pandas s3fs
- Connected front end to run queries on user selected systematic pre-added options, as well as text-based filtering that gives researchers flexibility to add their complex eligibility criteria, and returning patient contact information

Services for Students with Disabilities

Bayside, New York

College Assistant - Assistive Technology

February 2019 – Present

- Taught Assistive technologies & devices and navigating disability resources to five students weekly, for six months
- Helped with Managing aspects of IT and systems administration for all departments relating to assistive technology
- Regularly researched new updated technologies that can help students, and testing software on all different OS

Business Technology Early College High School

Queens, NY

Teacher Assistant for Computer Science

August 2019 – July 2020

- Tutored advanced concepts of Computing, Architecture, and programming languages in easy-to-understand ways encouraging higher performance in junior, senior high schools' students
- Planned a self-motivating environment through organizing interactive games and activities, constructive criticism sessions, educating on future careers within Tech, leading to an increase of ~6% in overall Grade

Bootcamp - CUNY Techworks Software developer Bootcamp

New York, New York

Bootcamp Intern - Cyber Security Analyst Enterprise Applications

June 2020 – August 2020

- Developed a full stack web development e-commerce React app with PostgreSQL database, NodeJS Backend
- Built client-server interface for the shoppers to access records of their purchase history, and clients to help improve their inventory management using shopping trends.

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

HACKATHON PROJECTS

All hackathon projects with demo on: devpost.com/rupakshiaggarwal

TechTogether New York | Team of 4- Awarded "Best gaming Hack"

December 2020

- Problem Addressed: Identifying suitable Tech careers by exploring our problem solving and analytical strengths
- Built 5-series game, from designing Wireframes and User flows, to implementing UI and D3 API for Visualizations

Fund IT | Team of 5- Awarded "Best Small Business Hack",

April 2020

- Problem Addressed: Supporting Minority based small Businesses with a crowd funding Android & IOS app
- Designed a Flutter app to encourage investing in minority owned businesses through a reward-based system, created payment processing with Square API