

## EDUCATION

Queens College   B.S in Computer Science	2023 - 2025
Queensborough Community College   A.S in Computer Science	2021 - 2023

## CERTIFICATIONS

**AWS Certified Cloud Practitioner (CLF)**  
**AWS Certified Solutions Architect (SAA)**  
**Pursuing Red Hat Certified System Administrator (RHCSA)**

## SKILLS

**Languages:** Java, Python, JavaScript, CSS, HTML  
**Developer Tools:** AWS, Git, Docker, NATS, SQL Databases, Linux, Jira, Teams  
**Libraries/Frameworks:** NodeJS, React, SpringBoot, Flask, React

## EXPERIENCE

<b>Department of Energy (PNNL)</b> <i>Software Engineering Intern</i>	Richland, WA May 2024 - Present
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- Developed a reliable and fault tolerant storage system service for a distributed system
- Engineered APIs to streamline communication between various microservices, contributing to more efficient software applications.
- Worked with publisher/subscriber services to streamline communication and decouple the system services.
- Employed Docker for the containerization of services, enabling our team to expand the service to over 100 instances.
- Developed a software application utilizing widely-used frameworks, providing researchers with a user-friendly interface to engage with the service and conduct evaluations.
- Collaborated with team members during technical design discussions to develop reliable software architectures, using Git for version control to manage and collaborate on codebases, which improved project efficiency and code quality.

<b>Mergen</b> <i>Software Engineering intern</i>	Remote July 2024 - Present
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- Utilized AWS Amplify for seamless integration between frontend applications and backend databases and servers, enhancing system connectivity and data flow.
- Established scalable engineering processes to ensure efficient system operations and support future growth and expansion.
- Leveraged a comprehensive suite of AWS services including EC2, S3, DynamoDB, Lambda, Cognito, Amplify Hosting, and Storage, to optimize application functionality and scalability.

<b>Headstarter AI</b> <i>Software Engineering Fellow</i>	New York, NY July 2022 - Present
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- Leading the development of five AI projects, with a final project aimed at achieving key metrics: 1000 waitlist sign-ups, 1000 account creations, and \$1000 in revenue.

<b>Research Foundation CUNY</b> <i>Instructor</i>	New York, NY January 2023 - November 2023
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- Taught an enrichment workshop that focused on building programming skills for pre-collegiate students, resulting in increased student engagement and understanding of programming concepts
- Utilized robotics to provide hands-on experience and visual representation of the code in action, enhancing students' practical understanding and interest in programming
- Created and implemented interactive lessons that catered to different learning styles and non-technical students, leading to improved student performance and satisfaction

<b>Queensborough Community College</b> <i>Computer Lab Assistant</i>	New York, NY June 2022 - August 2023
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- Provided IT help desk support, resolving technical issues for users, which improved overall user satisfaction
- Installed and configured computer systems/software in accordance with company standards.
- Improved user experience by providing training and support on various applications and software programs

<b>CUNY Research Scholars Program</b> <i>Researcher</i>	New York, NY September 2022 – May 2023
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- Conducted research on stock data using advanced machine learning algorithms, leading to improved prediction accuracy
- Utilized Python to implement robust machine learning models for predicting stock prices.
- Cleaned and preprocessed datasets to ensure high-quality data was fed into the models, resulting in more reliable predictions

## Projects

- Demographics System (In Progress)
- Personal Portfolio (In Progress)