

Paul Franco

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EDUCATION

CUNY - Hunter College

Bachelor of Science in Computer Science

New York, NY

Expected Spring 2025

TECHNICAL SKILLS

Languages: Javascript, Typescript, Python, C#, Java, SQL (Postgres), NoSQL (MongoDB), GraphQL, HTML/CSS,

Frameworks: React.js, Node.js, Express.js, .NET, Specflow

Developer Tools & Technologies: Git, Azure DevOps, Perforce, Prisma, Docker

EXPERIENCE

Software Engineer Co-Op

August 2023 - Present

Abarca Health

Remote

- Designing, developing, and troubleshooting internal software tools using C#, and JavaScript, optimizing platform reliability in collaboration with Microsoft Visual Studio and SQL Server products.
- Leading the integration of Docker into the existing automation infrastructure, leveraging innovative strategies to optimize the execution of automated UI tests within the Azure DevOps CI/CD pipeline.
- Collaborating within an Agile framework to meet business requirements; refining UI automation test cases; and expanding proficiency in Selenium IDE, Web Driver, and RESTful testing tools.

Software Engineer Intern

May 2023 - August 2023

Salesforce

San Francisco, CA

- Engineered a Sales Cloud feature, enhancing search capabilities and user efficiency; implemented backend logic using Java, designed UI with Salesforce's LWC, and Aura framework.
- Implemented a critical frontend enhancement that expanded upon custom filters, utilizing syntax parse tree for boolean input validation, streamlining the tracking and management of leads and opportunities.
- Built upon an existing query service by allowing SOQL queries to accept boolean expressions, markedly enhancing the precision and efficiency of searching for records and opportunities.
- Collaborated in code reviews, sharing knowledge and best practices, enhancing code efficiency and maintainability.

Software Engineer Co-Op

January 2023 - May 2023

Abarca Health

Remote

- Implemented and maintained robust automation tests using C#, Selenium, Specflow, and .NET core, enhancing the reliability and performance of the software suite.
- Conducted post-deployment smoke tests to ensure software integrity, facilitating seamless deployments and minimizing downtime during business-critical operations.
- Regularly communicated with various stakeholders to understand testing requirements and to relay complex testing results, fostering a collaborative environment and enhancing overall team efficiency.
- Utilized automated testing in CI/CD pipeline, improving deployment efficiency and significantly reducing the time to market for new features and updates.

Software Engineer Intern

June 2022 - August 2022

Salesforce

San Francisco, CA

- Contributed significantly to the design and development of a web application dedicated to educating users about internet security, incorporating phishing email simulations as a standout feature.
- Executed end-to-end development integrating the frontend with React.js, the backend using Express.js and Node.js, managed data with PostgreSQL, and maintained codebase integrity via Git's version control.
- Embraced Agile methodology, participating in iterative practices, contributing to team efficiency and adaptability.

PROJECTS

Capital One Hackathon Challenge | *Next.js, tRPC, Prisma, TypeScript, Plaid API*

Shellhacks 2023

- Engineered a full-stack application that secured the 1st place in the Capital One Hackathon Challenge, leveraging cutting-edge technologies including Next.js, tRPC, Prisma, and TypeScript.
- Integrated the Plaid API, enabling users to connect their bank accounts and track transaction data intricately.
- Crafted robust backend logic utilizing tRPC, establishing a streamlined and efficient data retrieval system.
- Spearheaded setup of resilient infrastructure with PlanetScale and Vercel, leading to availability and scalability.
- Employed TypeScript throughout the development process, fostering a type-safe coding environment.