

Edwin Luo

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EDUCATION

Rutgers University

Bachelor of Science in Computer Science

New Brunswick, NJ

Expected May 2023

- **GPA:** 4.0/4.0
- Honors College Scholar, Dean's List, Henry Rutgers Scholarship, CreativeX Technology Director
- **Relevant Courses:** Data Structures, Algorithms, Data Science For Data Management, Computer Architecture, Systems Programming, Principles of Information and Data Management, Software Methodology

WORK EXPERIENCE

Robinhood

Software Engineer Intern - Backend

Menlo Park, CA

May 2022 - August 2022

- Developed feature data pipelines using Python to support anti-fraud machine learning models and heuristic rules
- Ingested features, trained, and deployed a new debit card anti-fraud model using Presto SQL, Pandas, and XGBoost to improve recent average monthly precision by 42% and recall by 92% relative to the previous model
- Conducted offline analysis using Presto SQL to monitor and evaluate performance of models and heuristic rules

Certik

Software Engineer Intern - Full Stack

New York City, NY

October 2021 - December 2021

- Implemented new UI and connected API handlers using React and Next.js to support new designs and features
- Developed integration and E2E tests using Cypress to automate core UX flows and increase code coverage

Visa

Software Engineer Intern - Backend

Highlands Ranch, CO

May 2021 - August 2021

- Developed Spring Boot REST APIs for a Visa Transaction Controls MVP planned for over 60 million users
- Engaged in Agile methodology and proper development workflow using Git, JUnit, and Karate testing

Minos Labs

Software Engineer Intern - Full Stack

Jersey City, NJ

January 2021 - April 2021

- Directed refactoring of legacy code to modularize components and styling, reducing codebase size by 18%
- Implemented SignEasy API using React and Firebase to establish hiring document pipeline for clients

Commvault

Software Engineer Intern - DevOps

Tinton Falls, NJ

September 2019 - January 2020

- Created a Go shell script using kubectl to automate the creation and deletion of Kubernetes clusters

LEADERSHIP EXPERIENCE

CreativeX

Technology Director

New Brunswick, NJ

December 2020 - Present

- Overseeing technical club initiatives ranging from website projects to hosting front-end technology workshops
- Built the official Rutgers designathon website using Next.js, attracting over 500 peak monthly users

Undergraduate Student Alliance of Computer Scientists

Outreach Director

New Brunswick, NJ

April 2021 - May 2022

- Coordinated 6 semesterly networking and speaker events to connect Rutgers students with CS industry professionals and to educate students about various important industry-relevant topics

SKILLS

Languages: Python, Java, JavaScript, C, C++, Go, SQL, TypeScript, HTML, CSS, Solidity

Technologies: React, Pandas, Django, Next.js, Presto, Spring, Git, Kafka, Kubernetes, Docker, Express, Node.js