

# Edwin Luo

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## EDUCATION

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### 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, Active Allyship Changemaking Scholar, Undergraduate Student Alliance of Computer Scientists Outreach Director, CreativeX Technology Director
- **Relevant Courses:** Data Structures, Computer Architecture, Systems Programming (In Progress)

## SKILLS

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

**Technologies:** React, Spring, MongoDB, Express, Git, Docker, Node.js, GraphQL, Firebase, Linux, NoSQL, MySQL, Kubernetes, Redis, Pandas, NumPy, Nginx, AWS EC2/EKS/S3, Truffle

## WORK EXPERIENCE

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### Visa

Software Engineer Intern

Highlands Ranch, CO

May 2021 - August 2021

- Developed REST APIs to provide a new Visa Transaction Controls feature to over 60 million users
- Created a minimum viable product using Spring and MongoDB to satisfy client requirements
- Enforced proper development workflow by using Git, JUnit, and Karate to ensure production-ready code
- Engaged in Scrum sprints following Agile methodology to ensure timely delivery of development goals

### Minos Labs

Full Stack Development Intern

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

Development Operations Intern

Tinton Falls, NJ

September 2019 - January 2020

- Created a Go shell script using kubectl to automate the creation and deletion of Kubernetes clusters
- Enabled script compatibility with AWS EKS and local providers on Windows and Linux systems
- Provided a basis for the Commvault Kubernetes team to test and create Kubernetes-related products

## LEADERSHIP EXPERIENCE

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### Undergraduate Student Alliance of Computer Scientists

Outreach Director

New Brunswick, NJ

April 2021 - Present

- Coordinating networking events and an alumni network to connect Rutgers students with prominent companies
- Organizing speaker events to educate Rutgers students about various industry-relevant topics

### 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

## PROJECTS

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**Blackjack++** Created a Blackjack console game using C++ following OOP principles and MVC patterns

**DeBank** DApp built with Solidity and web3.js that enables users to deposit, withdraw, and loan ether

**DockerOps** Applied Docker workflow to build an Express application using Mongo, Redis, and Nginx services