

# Chao Justice Lai

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## BRIEF

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A programmer obsessed in strongly typed languages such as Typescript, Go. Remotely studying Computing Systems at Georgia Tech. Believes that Ruby is garbage. Owns a cat named Snowball.

## EDUCATION

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### Georgia Institute of Technology

*Master of Science in Computing Systems*

Atlanta, GA

Expected Graduation: 2024

### Baruch College

*Bachelor in Marketing Management*

New York, NY

08/2014 – 12/2019

## EXPERIENCE

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### Afficiency

*Full Stack Developer*

New York, NY

03/2023 – Present

- Contribute to a digital platform (React, Typescript, Python, Flask, MySQL), providing life insurance solutions and building a bridge between retailers, insurance agents, and end users.
- Rapidly prototype and iterate on new features, ensuring timely delivery of JIRA tickets.
- Actively engage in team meetings and brainstorming sessions, contributing creative ideas and solutions to help solve technical challenges and improve the overall platform experience.
- Work closely with the design team to translate wireframes and mockups into interactive web pages, maintaining a consistently high standard of visual design and user interface.

### August Schools

*Software Engineer*

New York, NY

06/2022 – 02/2023

- Supported web development (React, Typescript, Ruby on Rails, MongoDB) of note taking services, driving quarterly revenue increases in 18% from public/private school clients.
- Conducted thorough testing and debugging of code to ensure the platform was responsive, scalable, and compatible across different browsers and devices.
- Maintained GraphQL API endpoints to enable PDF document collating, image resizing; manipulated YAML config files to support rich text editing.
- Integrated front-end components with server-side application logic, ensuring seamless data flow.

### Alice Financial

*Junior Software Engineer*

Brooklyn, NY

02/2021 – 05/2022

- Leveraged financial technology (React, Typescript, Ruby on Rails, Postgres) in saving a yearly estimate of \$3.5 million on commuter spending.
- Collaborated with a team of senior engineers to implement new features and enhancements to improve user experience and increase website functionality.
- Contributed to a GraphQL project responsible for handling user's HSA spending logic.
- Assisted in maintaining notion docs, including technical specifications, user guides, and troubleshooting resources, enhancing team efficiency and knowledge sharing.

## Scholarship Junkies

*Web Developer (contract)*

Seattle, WA

08/2020 – 02/2021

- Powered a non-profit mission (React, Javascript, CSS, Node.js) in matching students with qualifying scholarship packages.
- Used Git to manage and track code changes, ensuring efficient collaboration and codebase integrity.
- Integrated third-party APIs to enhance the platform's functionality, such as automated scholarship application submission and retrieval of student info.
- Fixed business logo misalignment in email template and email subscription bug.

## SKILLS

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- **Programming Language: multilingual** (not limited to any specific language), especially experienced in Typescript/Javascript, comfortable with Ruby Python Go (in random order).
- **Framework/Database:** React, Rails, Express, GraphQL, Postgres, MongoDB, MySQL
- **Developer Tool:** Git, Docker, Vim, VSCode