

# Jeffrey Guan

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## Education:

*Present*

*Fall 2019 - Spring 2022*

Queens College: Bachelors of Arts in Computer Science

*GPA: 3.7*

*Present*

*Fall 2021 - Spring 2022*

City University of New York Tech Prep: Fullstack Web Development

- Selective software engineering program, 80 students out of 1000+ applicants
  - Learned and deployed in-demand technologies like React, Node.js, Typescript, Express, Sequelize, PostgreSQL, and other Javascript frameworks. Used industry best practices for design, implementation, and deployments such as MVC designs, version control with Git/GitHub, agile and SCRUM with Slack and Trello, encryption methods, testing with Jest/Mocha.js, and CI/CD.
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## Professional Experiences:

Fresh Air Funds, *Software Engineering Associate*

*June 2021 - October 2021*

- Oversaw Azure AD environment by migrating data to AD from local servers and maintaining compliance and security standards with methods such as enabling MFA, creating phishing filters, trackers, and alerts, and enforcing other best security practices for cloud services.
- Created applications using Python(Flask and Django) to help onboard and synced Tbs of Zoom recordings to a local VM to meet audit compliances while saving thousands in monthly billing.

BookUSD, *Data Entry Clerk*

*June 2016 - May 2019*

- Created Python scripts to import from Amazon, Abebooks, and Alibris to automate inventory and sales, saving 2-3 hours of work weekly for graphic reports.
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## Programming Languages and Related Skills:

Languages: C++, Java, Python, JavaScript, TypeScript, and Ruby

Web Development:

- HTML, CSS, Bootstrap, React, Jest, Mocha.js, Next.js, p5.js, MVC designs, ORMs, Node.js, jQuery, Django, and Relational Database Management such as MySQL and PostgreSQL.
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## Extracurricular Activities:

[Github](#) and pre-undergrad [projects](#)

EverUp Micro-credentials: Web Development Track (Dec 2020 - Feb 2021)

High School: Software Engineering Program (2015-2019)

- Developed light full-stack web apps with Javascript and Ruby/Sinatra.
- Deploying applications on PaaS/IaaS cloud services like Heroku and EC2 AWS

AWS Cloud Practitioner ([CLF-C01](#)) and Microsoft Azure Fundamentals ([AZ-900](#))

CUNY Hackathon 2021 - Skill.ly: First Place, Most Creative, and Best Wild Card

Ascend Hackathon: Revive Small Businesses - Etit: Second Place

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## Projects:

**Toki:** (<https://toki-tracker.herokuapp.com/>)

- Created a full-stack custom keyboard tracking and viewing purchase history app with the PERN stack, Prisma ORM, Bootstrap, and external APIs. Averages around 10-15 users weekly and can support up to 20 concurrent connections with Heroku.