Michael J. Luo

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Professional Summary

[Role] with strong technical skills, leadership, and passion for products that help people. Seeking to excel at an entry-level position and solve complex problems.

Education

**New York University** – **Bachelor of Arts,** Computer Science & Psychology 12/2023

Work History

Course Grader – New York University 09/2023 to Present

* Evaluate student coursework by checking code quality and testing website functionality.
* Devise program to automate testing of custom scenarios, streamlining grading process.

Software Engineer Intern – Optum 06/2023 to 08/2023

* Developed microservice to communicate changes in healthcare data to business users.
* Engineered non-blocking design in service to handle exceptions without downtime.
* Wrote unit tests for app methods, mocking external data and streamlining development.
* Validated end-to-end functionality of application, delivering quality code to production.

Programming Instructor – STEM From Dance 04/2022 to 04/2023

* Taught programming fundamentals by planning an 8-week class project using Python.
* Led outreach at tabling events, garnering a 30% increase in signups for flagship program.

Software Engineer Intern – Optum 06/2022 to 08/2022

* Assembled backend architecture to standardize ID card creation, lowering costs by 92%.
* Developed service to perform file processing tasks and relay file events to other apps.
* Leveraged CI/CD pipeline to test changes, build app containers, and deploy to servers.

Co-Founder – FLOW (student startup) 12/2019 to 12/2021

* Built ecommerce prototype to connect small businesses with secondhand clothes sellers.
* Pitched business model and customer discovery results to NYU Entrepreneurial Institute

Software Engineer Intern – Optum 06/2021 to 08/2021

* Overhauled front-end app with new employee analysis tools, graphs, and better design.
* Improved user experience by understanding the needs of stakeholders and executives.

Software Engineer Intern – Optum 06/2020 to 08/2020

* Launched front-end web app to configure automation and deployment jobs on Jenkins.
* Structured login page and automation workflow around needs of different user groups.

Skills

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| * [Keyword1] * [Keyword2] * [Keyword3] * [Keyword4] * [Keyword5] * [Keyword6] | * [Keyword7] * [Keyword8] * [Keyword9] * [Keyword10] * [Keyword11] * [Keyword12] |

Technical Skills

Java, JavaScript, Python, React, NodeJS, Spring, HTML/CSS, Git, Kafka, MongoDB, SQL, Angular