Megan Li

li.meg@northeastern.edu | (608)-421-3086 | Boston, MA | Available starting June 2023
linkedin.com/in/megandouli | GitHub: github.com/megandouli | Website: megandouli.github.io

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EDUCATION

Northeastern University | Boston, MA   *Sept. 2019 – May 2023*

B.S. in Computer Science & Design, **4.0/4.0 GPA**
Coursework: Software Development, Object-Oriented Design, Fundamentals of Computer Science 1 & 2, Algorithms and Data, Typography 1, 2 & 3

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, Java, GraphQL, SQL, Scala, Ruby, Kotlin
Libraries / Frameworks:	React, Express, gRPC, Gatsby, jQuery
Tools / Technologies:	Node.js, Spark, Airflow, Presto, Kafka, AWS (EC2, ECS), Docker, Terraform
Certifications:	AWS Certified Cloud Practitioner (2021)
Design Software:	Figma, Adobe Illustrator, Adobe InDesign, Glyphs

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EXPERIENCE

Software Engineering Intern | Stripe | Seattle, WA   *Jan. 2022 – Apr. 2022*

- Augmented a backend Ruby library and built an internal React app to allow ops team to easily understand historical funds flow availability, resulting in a 30% reduction in run-related tickets.
- Led a cross-functional workstream between 10+ members from engineering and legal to design and deliver an observability pipeline to enable easy visualization and exploration of ~50 million daily regulatory events, yielding new capabilities expected to greatly increase the speed of product launches.
- Created an abstract Java framework for recording regulatory evaluation events within a gRPC service that scalably processed ~50 million daily events via a Kafka and Airflow/Spark pipeline.
- Built a custom dashboard to surface visualizations of this dataset using optimized SQL queries on top of Presto.

Project & Technical Lead | Sandbox | Boston, MA   *July 2021 – Dec. 2021*

- Created and scoped out tickets for 5 developers and 1 designer on the SearchNEU team in Sandbox.
- Wrote documentation and presented tech talks to facilitate knowledge transfer on the team.
- Pair programmed with and mentored younger developers to take over the project when older members graduate.

Software Developer Co-op | PowerAdvocate | Boston, MA   *Jan. 2021 – July 2021*

- Pair programmed, tested, and code-reviewed for a full-stack web application on an agile team to provide clients with data visualization products using Kotlin, React and ECharts
- Researched and presented a tech talk on GraphQL to the software development department.
- Conducted behavioral and technical interviews for 9 candidates for Software Developer co-op positions.

Developer | Sandbox | Boston, MA   *Sept. 2020 – Aug. 2021*

- Collaborated with student designers and developers to add features to SearchNEU, a search engine for Northeastern courses used by 4000+ students and faculty members.
- Pair programmed with another developer to migrate from Facebook Messenger to SMS notifications.
- Built with Node, Express, React, TypeScript, Elasticsearch, PostgreSQL, GraphQL, Docker, Terraform, and AWS.