

# Letian Qin

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## EDUCATION

### Northeastern University

*Master of Science, Computer Science*

- GPA: 4.0 / 4.0
- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Design, Discrete Structures

**Expected Dec. 2025**

Portland, ME

### Beijing Language and Culture University

*Bachelor of Japanese Literature*

**Sep. 2008 – May 2012**

Beijing, China

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C, JavaScript, HTML, CSS, Swift

**Frameworks/Tools:** Git, React.js, Spring Boot, Node.js, MongoDB, Firebase, Unix/Linux, IntelliJ, Pandas, Matplotlib

**AWS:** S3, EC2, Lambda, DynamoDB, RDS, API Gateway, Amplify, Cognito, CodeCommit, CodePipeline

## PROJECTS

### [Web Application for Horror Movie Reviews](#)

**June 2023**

- Developed a full-stack web application for horror movie reviews, leveraging **MongoDB** for efficient data storage.
- Built a **RESTful API** with **Java Spring Boot** and **MongoDB** for seamless user interactions and data retrieval.
- Designed a dynamic user interface using **React**, **HTML**, **CSS**, and **JavaScript**.
- Crafted responsive layouts using **Flexbox** and **Bootstrap** for seamless navigation; enhanced the user experience by incorporating **Material UI** to create visually appealing carousels of posters.
- Utilized **NPM** and **Axios** to streamline HTTP requests and facilitate efficient data retrieval.

### [iOS Messaging Application](#)

**April 2023**

- Created an iOS messaging application using **Swift**, **Xcode**, and the **MVC design pattern**.
- Designed and implemented key screens with custom assets, showcasing proficient UI customization using .xib files.
- Integrated **Firebase** Authentication for secure user registration and login functionalities; employed **Cloud Firestore** as a backend database for efficient storage and retrieval of user messages.
- Leveraged **CocoaPods** to seamlessly integrate third-party libraries, enabling engaging animation effects for the title text.
- Resolved user experience issues by incorporating a **Swift Package Manager** library to prevent the keyboard from covering the TextField during chat input.

### Cloud-Based Serverless Web Application

**Feb. 2023**

- Developed a cloud-based serverless web application using AWS services to enable users to request unicorn rides from a magical fleet.
- Employed **AWS S3** and **CodeCommit** for efficient storage and management of static web content.
- Implemented a **RESTful API** with **AWS Lambda** and **Amazon API Gateway** to handle ride requests; leveraged **Amazon DynamoDB** as a scalable database for storing ride request data.
- Utilized **Amazon Cognito** for seamless user management and authentication.
- Established a **CI/CD pipeline** using **AWS Amplify Console** for automated deployment.

## WORK EXPERIENCE

### Senior Marketing Manager

**July 2020 – Jan. 2023**

*Bilibili*

Beijing, China

- Led a team of 8 to execute a 3-hour live-streaming event using **OBS Studio**, **HLS** protocols, **CDN** integration, and social media **SDKs**; achieved 8 million views and a trending topic with 140 million views on social media.
- Collaborated with technical teams to develop a web page highlighting 100 years of animation history using **JavaScript**, **CSS**, and **HTML**; generated 100k user visits and sparked over 6k online discussions in just two days.
- Orchestrated a social media campaign with a budget of \$420k to promote a PR video; coordinated efforts with 9 teams, achieved 21 million views and 43 trending topics, a 300% increase compared to the previous year.

### Senior Editor

**Nov. 2018 – July 2019**

*Lens Magazine*

Beijing, China

- Conducted interviews with over 20 renowned public figures, including Chizuko Ueno, Yaro Abe, and Osamu Yokonami.
- Authored over 50 influential articles on cultural issues, including a record-breaking article with 3 million views and 60k reposts, covering Nobel Prize winner Koichi Tanaka.