Haoting Qiu

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EDUCATION

Northeastern University   **Boston, MA**

M.S. in Computer Science, Major GPA 4/4   Dec 2022
Activities: Teaching Assistant (20 Fall, 21 Spring, 22 Spring)

Harbin University of Science and Technology   **Harbin, China**

B.S. in Tourism Management with Specialization in Informatics, GPA 3.5/4   Jun 2019

SKILLS

Programming Languages: Java, Python, Swift, C, JavaScript, TypeScript, Shell Scripting
Web Development: React.js, Redux, Node.js, Express.js, HTML, CSS, Bootstrap, jQuery
Database: MySQL, MongoDB, Firebase
Other Tools: Git, AWS, Docker, Jira, Bitbucket, Confluence, Apache2

EXPERIENCE

Meta (formerly Facebook)   **Menlo Park, CA**

Software Engineer Intern   May 2022 - Aug 2022
   • Developed meeting draft (3rd most-requested feature from admins) functions on the internal calendar
   • Drove event category enhancement project (1st most-requested feature from admins) by proposing technical
solutions, organizing tasks and milestones, and collaborating with cross-functional teams
   • Polished the meeting draft feature by gathering user feedback, assigning priorities based on user impact, engineering
and design effort, etc.
   • Built a user-friendly web UI by using **React.js**, **Relay**, and **JavaScript**
   • Designed backend infrastructure and **GraphQL** endpoints for both meeting drafts and event category features with
Hack/PHP

Homesite (a part of American Family Insurance)   **Boston, MA**

Software Engineer Intern   May 2021 - Aug 2021
   • Developed Insurance Sales Platform for Costco and General Motors with other divisions in an **agile environment**
   • Implemented location-based product selection on the landing page which streamlined user interaction and improved
information transparency by leveraging **TypeScript**, **React.js**, and **Material-UI**
   • Optimized **Redux selectors** which enabled the platform to render discount information of products based on
customer's personal selection and address
   • Refactored insurance coverage page which reduced 50% of HTTP requests and enhanced UX for 200,000+ users

PROJECTS

KV-Store | System   Mar 2022 - Apr 2022
   • Built a key-value data storage that saves and retrieves data by keys using **C** in **Linux**
   • Applied POSIX Threads and Monitors (mutex + condition variable) to achieve concurrent computing
   • Implemented B+ Tree to improve time performance for CRUD deleting operations

Cupola | Full Stack | https://cupola.herokuapp.com/   Jan 2021 - Apr 2021
   • Built a web platform for buyers and sellers to post & view real-time real estate listings, bid to make an offer
   • Leverged **Node.js** and **Express.js** to develop **RESTful** web service for the UI
   • Enhanced search results by combing data from different APIs including Zillow, Yelp Fusion, and Google Maps

Explore&Mark | Mobile | https://github.com/saryn-equinox/Explore-Mark/   Dec 2020 - Jan 2021
   • Developed an iOS app with **Swift** that allows users to explore attractions near their location and share their journey
   • Implemented project in **MVC** framework to organize project structure and promote loose-coupled code
   • Applied iOS CoreData and **Firebase Realtime Database** to store app and user data as well as **Firebase
authentications** to secure user information