Haoting Qiu

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EDUCATION

Northeastern University   **Boston, MA**

M.S. in Computer Science, GPA 3.96/4 (Major GPA 4/4)   Jan 2020 - Dec 2022

Related Courses: Object-Oriented Design, Web Development, Cloud Computing, Data Structures and Algorithms

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

B.S. in Tourism Management with Specialization in Informatics, GPA 3.5/4   Sep 2015 - 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

Homesite, part of American Family Insurance Group (Fortune 500)   **Boston, MA**

Software Engineer Intern   May 2021 - Aug 2021

•   Developed the Insurance Sales Platform for Costco and General Motors (OnStar) collaboratively with other divisions in an **agile environment**

•   Implemented location-based product selection on landing page which streamlined user interaction and improved information transparency by leveraging **TypeScript**, **React.js**, and **Material-UI**

•   Optimized **Redux selectors** which enabled 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+ customers

Piston Intelligence   **Guangzhou, China**

Software Engineer Intern   Oct 2018 - Feb 2019

•   Developed ETL pipelines using **Python** to transform 8,000,000+ of data from **MongoDB** into informative format to develop vehicle trade-in value estimation model for Jaguar and Land Rover

•   Applied **NLP techniques** to design and develop automated text mining programs used in multiple projects such as electronic vehicle pricing analyst for Mercedes-Benz

•   Cooperated with team members to create data visualization app using **Python matplotlib**

PROJECTS

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

ACTIVITIES

Northeastern University   **Boston, MA**

Teaching Assistant   Sep 2020 - Apr 2021

•   DS2500 Intermediate Programming with Data (21 Spring), DS2000 Programming with Data (20 Fall)