Haoting Qiu

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EDUCATION

Northeastern University   Jan 2020 - Dec 2022

Candidate for M.S. in Computer Science, Major GPA 4/4   Boston, MA
Related Courses: Object-Oriented Design, Web Development, Data Structures and Algorithms, Cloud Computing

Harbin University of Science and Technology   Sep 2015 - Jun 2019

B.S. in Tourism Management with Specialization in Informatics, GPA 3.5/4   Harbin, China
Related Courses: Object-Oriented Programming using Java, Data Mining, Database Management Systems

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, a part of American Family Insurance group (Fortune 500)   May 2021 - Aug 2021

Software Engineer Intern   Boston, MA
- Built the Insurance Sales Platform for Costco and OnStar with **TypeScript**, **React.js**, and **Redux**
- Streamlined products selection on landing page which enabled MI and WV rollout 1 month ahead of schedule
- Optimized **Redux selectors** for discount pages so that the platform can render discounts' state specific
- Refactorred quote coverage updating functions which reduced 50% of HTTP requesting calls
- Coordinated with other divisions to design and implement 10+ features reaching over 200,000 customers in an **agile environment**

Piston Intelligence   Oct 2018 - Feb 2019

Software Engineer Intern   Guangzhou, China
- Developed ETL pipelines using **Python** to transform 8,000,000+ of data from **MongoDB** into informative format for vehicle trade-in value estimation
- Applied **NLP techniques** to design and develop automated text mining programs used in multiple projects such as vehicle model pricing analyst
- 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 that allow 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   Sep 2020 - Apr 2021

Teaching Assistant   Boston, MA
- DS2500 Intermerdiate Programming with Data (21 Spring), DS2000 Programming with Data (20 Fall)