

Haoting Qiu

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Boston, MA | +1 (617) 938-7576 | haotingqiu@hotmail.com | Available: Jan 2022 - Aug 2022

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 to enable MI and WV rollout 3 months ahead of schedule
- Optimized **Redux selectors** for policy discounts to support state specificity dynamically
- Coordinated with other divisions to design and implement 10+ features reaching over 200,000 customers in an **agile environment**

Northeastern University

Sep 2020 - Apr 2021

Teaching Assistant

Boston, MA

- Hosted 1-on-1 tutoring sessions to coach students on programming logics, data structures, and **object-oriented design** in **Python** with 100% positive rate
- Collaborated with professor and other TAs to lead weekly labs and recitations for 100+ students
- Designed assignments for weekly lab and bi-weekly homework with professor and other TAs

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 machine learning
- Applied **NLP techniques** to design and develop automated text mining programs used in multiple projects and reduced the average project durations by 10%
- 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
- Leveraged **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 **Firestore Realtime Database** to store app and user data as well as **Firestore authentications** to secure user information