

# Haoting Qiu

<https://www.github.com/saryn-equinox> | <https://www.linkedin.com/in/haotingqiu>  
Boston, MA | +1 (617) 938-7576 | haotingqiu@hotmail.com | Available: Jan 2022 - Aug 2022

## EDUCATION

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### 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

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**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

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### 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 (General Motors) with TypeScript, React, and Redux
- Refactored HTTP patch functions to reduce insurance policy updating time by 25%
- Optimized Redux selectors for policy discounts to support state specificity for 50 states 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

- DS2000 | Hosted 1-on-1 tutoring sessions to coach students on programming logics, data structures, and object-oriented design in Python with 100% positive rate
- DS2500 | Coached students in weekly labs, conducted live coding demos, and helped students to debug in office hour with class-size 100+

### Piston Intelligence

Oct 2018 - Feb 2019

*Software Engineer Intern*

Guangzhou, China

- Developed ETL pipelines using Python to process 8,000,000+ of data from MongoDB and transform into informative data, and store them back to database for machine learning
- Applied NLP techniques to design and develop automated text mining program used in multiple projects and reduced the average project durations by 10%
- Created visualization programs with Python for various projects

## PROJECTS

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### 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 multiple tools such as Git and Draw.io to cooperate with teammate efficiently
- Enhanced search results by combing data from different APIs including Zillow, Yelp Fusion, and Google Maps
- Technologies: JavaScript, React.js, Redux, Node.js, Express.js, MongoDB, REST Api

### 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
- Technologies: Swift, Git, Firebase Realtime Database, iOS CoreData, Firebase Authentication