Zhiang Li

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Available: Apr 29, 2024 - Dec 16, 2024

EDUCATION

Northeastern University, Oakland, CA — Sep 2023 – Present
Khoury College of Computer Sciences — Expected graduation: May 2025
Candidate for a Master of Science in Computer Science — GPA: 3.83/4.0
Related courses: Programming Paradigm, Algorithms, Web Development, IOS Mobile Development

University of Virginia, Charlottesville, VA — Aug 2019 – May 2023
Bachelor of Arts in Computer Science and Applied Statistics
Related courses: Object Oriented Programming, Data Structures, Database Management, Software Engineering

TECHNICAL KNOWLEDGE

Languages:	Java, C++,Python, JavaScript, Swift, Go, R, PHP
Databases:	MySQL, Google Firestore
Web technologies:	HTML, CSS, React

WORK EXPERIENCE

UCloud Technology, Shanghai, China — Jun 2021 – Sep 2021

Docker Software Service Engineering Intern

- Deployed cloud database for a local bookstore, enhancing its inventory management.
- Actively contributed to the implementation of Docker in the bookstore's software management system.
- Developed the bookstore's website front-end, enabling customers to reserve and borrow books online.

HCDM at University of Virginia, Charlottesville, VA — Aug 2022 – Sep 2023

Undergraduate Research Assistant

- Developed and evaluated models using R and Python, testing the efficacy of various recommendation systems within mathematical and statistical frameworks.

CS Department at University of Virginia, Charlottesville, VA — Nov 2022 – May 2023

Undergraduate Teaching Assistant

- Led lab sessions in C++ and assembly languages, teaching foundational programming concepts.
- Provided academic support during office hours, assisting students with course material and programming challenges.

PROJECTS

iOS Mobile Application for Second-Hand Item Trading — Sep 2023 – Dec 2023

- Developed an iOS mobile app designed to provide a platform for second-hand items.
- Implemented Google Firebase as backend API for secure data storage and real-time data handling.
- Integrated advanced features including user authentication, item listing and sorting, and in-app messaging.

Face-Mask Recognition System — Jan 2021 – May 2021

- Built a machine learning model utilizing Stochastic Gradient Descent, Random Forest Classifier, and Artificial Neural Networks to detect face mask usage with an accuracy of approximately 95% during the COVID-19 pandemic.

Used Cars Market Website — Aug 2022 – Dec 2022

- Developed a web-based marketplace for used cars, incorporating a robust SQL database, with a user-friendly interface employing Bootstrap.
- Integrated a secure authentication system and deployed the platform on Heroku.