Zhangrui(Rina) Chen

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EDUCATION

University of Michigan   **Ann Arbor, MI**
Anticipated May, 2022

- B.S. Computer Science
- Cumulative GPA: 4.00/4.00, Dean's List

Horizons School of Technology   **New York, NY**
June 2019 – August 2019

- Summer 2019 cohort member of full-stack software engineering and entrepreneurship bootcamp

SKILLS

- Proficient in Java, C++, Javascript, HTML, CSS, React, React Native, MongoDB, Node.js, Express, and git.
- Fluent in English and native in Mandarin.

PROJECTS

CoffeeS   *August 2019*
https://github.com/rinaZC/CoffeeS

- Came up with and wrote from scratch a mobile app that assists people with locating their frequent coffee shops nearby or getting new recommendations, also serves as a platform for coffee lovers to build a community.
- Developed the front end using React Native and back end with Express and MongoDB, applied Google Maps API to realize locating coffeeshops on the map.

Docs   *August 2019*
https://github.com/rinaZC/Docs

- Lead a team of four on creating a collaborative rich-text editing desktop application similar to Google Docs.
- Independently built the backend part. Developed routes to validate users' on-boarding process, designed data schemas to facilitate data storage, and employed socket.io and http to enable users' real-time collaboration on the same document.

EXPERIENCE

Jubian
Junior software developer   *September 2019 – Present*

- Contributed to maintaining and upgrading a student-launched grocery shopping mobile app written in React Native called Jubian and its affiliated order-management application for drivers built with Redux.
- Implemented the "sending confirmation email upon successful purchase" feature using Gmail API and OAuth2.0.

M-Lead   **Ann Arbor, MI**
Program assistant   *September 2019 – Present*

- Managed and updated the program website using WordPress on a weekly basis, participated in tabling as a representative of M-Lead to introduce leadership education resources on campus to U of M students.
- Designed and published the event calendar page which boosted students' participation in different activities.

EECS 183 Tutor   **Ann Arbor, MI**
Volunteer Tutor   *Jan 2020 – Present*

- Chosen as one of the volunteer tutors for EECS 183, a programming course with about 2000 students enrolled per year.
- Held 3-hour office hours per week, tutoring students who need more explanation on course materials one-on-one.

EXTRACURRICULAR ACTIVITY

University of Rochester   **Rochester, NY**
Women in Computer Science
Member of Social Committee   *September 2018 – May 2019*

- Volunteered in Girls Who Code program, taught K-5 girls introductory level programming course in Java bi-weekly.
- Helped with organizing monthly General Member Meeting with different themes and activities.

Women's Tennis, Varsity   *September 2018 – May 2019*
Team member