

Sora Morikawa

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EDUCATION

The University of Texas at Dallas

Aug. 2020 – May 2024

Bachelor of Science, Computer Science

Overall GPA: 3.9/4.0, Dean's List Spring 2022

Relevant Coursework: Data Structures & Algorithms, Database Systems, Software Engineering, Algorithm Design & Analysis, Systems Programming in UNIX, Discrete Math, Computer Architecture, Programming Language Paradigms

Skills: Java, C/C++, JavaScript, Python, Git, React, HTML/CSS, NoSQL, Firebase, MongoDB, TypeScript, UNIX, Linux, Node.js, GraphQL

PROJECTS

IOU Payment Tracker

Jan. 2022 – May 2022

- Used React Native to develop a cross-platform mobile application with multiple functionalities such as login/sign up, bill splitting, automated reminders, achievements, and leaderboard
- Designed and implemented a database using Firebase Cloud Firestore which keeps data in sync through real time listeners
- Used Firebase Cloud Messaging dependency to send notifications to users with the use of device tokens
- Created the app frontend using Android Studios Android Emulator with a focus on user experience

Portfolio Website

May 2022 - Present

- Created a website portfolio that provides a deeper insight that goes past my resume including hobbies, experience, projects, commonly asked questions, and other interests
- Implemented a contact form using EmailJS emailing template for seamless communication
- Designed and constructed the layout of multiple pages with an emphasis on ease-of-use and accessibility

ACM Member Portal

June 2022 - Present

- Collaboratively built a member portal with many functionalities such as login, event check-in, and resume uploading
- Utilized TypeScript's type checker to build a large-scale project with minimal error-prone code
- Manage student and event data using MongoDB along with the GraphQL API

WORK EXPERIENCE

iD Tech - Instructor

May 2022 – Aug. 2022

- Conducted course instruction on courses such as Coding, Machine Learning, Engineering, and Game Design in languages such as JavaScript, Java, and Python to 8+ students consecutively
- Mentored the next generation of aspiring coders, game developers, and entrepreneurs by ensuring the understanding of coding best practices and fundamentals through the utilization of different teaching strategies

Tadashi - Server

Aug. 2019 – June 2022

- Worked in a fast-paced and demanding environment, attending up to 8 tables consecutively
- Communicated with front-of-house and back-of-house restaurant professionals to ensure guest satisfaction by delivering orders quickly and efficiently

LEADERSHIP EXPERIENCE AND ACTIVITIES

Association of Computing Machinery at UTD – Development Officer

June 2022 - Present

- Design and implement a feasible project that improves workflow of ACM officers or UTD student community
- Build and maintain member portal and the hackUTD website
- Improved my ability to communicate effectively with an agile team and manage time to meet strict deadlines

The Association of Computing Machinery at UTD – Projects Member

Jan. 2022 – May 2022

- Participated in a semester-long project that allowed me to improve my collaborative skills, work with new technologies, and master core development principles.
- Worked collaboratively with 3 team members on both frontend and backend for project IOU