HENRY FENG

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EDUCATION

The University of Texas at Austin	Bachelor of Science in Computer Science	May 2022

EXPERIENCE

Promazo – *Software Engineer Intern; Austin, TX*   Spring - Summer 2020
Developed virtual job board platform

- Refactored, developed, redesigned, and optimized their scalable web-app using React, Redux, and GraphQL
- Modified and designed NoSQL schemas to scale the platform and implement new features
- Learned and utilized AWS services to manage data, test queries, and set up proper test environments
- Collaborated in scrum teams for the front-end member module and search/matching algorithms
- Developed a chrome extension to scrape data on selected URL's and synchronize data to improve the versatility of the platform

Eventus – *Project Manager Intern*; Austin, TX   Fall 2018 – Fall 2019
Managed mobile app projects for higher-ed institutions

- Configured Android and IOS mobile apps for various use cases including career fairs, conferences, and conventions.
- Organized and integrated client data into relational databases (MySQL) to query client data.
- Helped manage client relations of schools including the University of Texas, UChicago, and Carnegie Mellon.
- Programmed server-side code to help streamline client data-integration processes.

Karl Storz Endoscopy America - *Software Engineer Intern; Houston, TX*   Summer 2016
Served as a software test engineer for medical devices manufactured by Karl Storz

- Created node.js server-side test scripts for various medical devices.
- Met with company clients to understand device implementation paradigms.
- Familiarized myself with SolidWorks CAD program and learned about device-design prototyping.

ACADEMIC/PERSONAL PROJECTS

Web Applications   Summer 2018 - 2020
Posty

- A CRUD application with a dynamic Mongo database that allows registered users to create online "post-its" in a secure fashion using Passport-Local-Mongoose security library.

Dash

- A react.js web & react native mobile application with real time chat feature that allows users to delete their info upon leaving a chat room using socket.io for the backend bi-directional connection.

Freelance Work

- Provided free to low cost tech solutions to provide businesses ecommerce, public websites, and customer engagement using Airtable, WordPress, React.js, PayPal, Heroku, and Netlify.

School Projects
Pintos (CS439)   Spring 2020

- Expanded a toy OS to include priority scheduling, allowed argument passing on the stack, implemented system calls for user programs, added virtual memory, and converted the existing single-thread file system into a multi-threaded system.

EXTRA-CURRICULAR ACTIVITIES

UT MAD (Mobile App Developers) – *Member*   Fall 2018

- Learned about Android and iOS app development as well as project management on multi-person teams.
- Programmed mini applets using the mobile SDK and debug tools

ADDITIONAL INFORMATION

Languages: Java, JavaScript, HTML5, CSS3, C	**Mobile App Development:** Android Development, React Native
Client-Side: HTML5, JavaScript, CSS3, React.js, Redux	**Server Side:** MySQL, Node.js, MongoDB, Express.js, socket.io, GraphQL, AWS Amplify, DynamoDB