Trisha Bernice

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EDUCATION

University of Wisconsin- Madison — Madison, WI (USA)   September 2018 - May 2020
Bachelor of Science
Major: Computer Science, Certificates: Mathematics and Entrepreneurship
Coursework: Intro to Operating Systems, Intro to Artificial Intelligence, Intro to Algorithms, Software Engineering,
Data Programming I, Intro to Combinatorics, Intro to Cryptography

De Anza College — Cupertino, CA (USA)   April 2016 - June 2018

EXPERIENCE

PT. Bussan Auto Finance — Jakarta, ID   November 2020 - present
Software Engineer
- Develop and update application (***SANDIA and IMS***) for internal digital sales system using React to meet user requirements
- Participate in daily scrum to maintain communication with the development team and progress towards the Sprint goal
- Coordinate with the product owner to design and develop a brand new interactive company website using React
- Plan and prioritize tasks and deliverables for three teams through Azure DevOps backlogs
- Collaborate with the IT director to best translate user requirements into the system design of a new fintech application

MERIT Library — Madison, WI (USA)   June 2019 - May 2020
IT Assistant
- Provided day-to-day computer troubleshooting and support to diagnose and resolve end-user issues
- Installed, managed and configured appropriate hardware and software for desktops, laptops and peripherals
- Coordinated with departmental IT Consultants to administer computer accounts, security groups and network share

Illuminate Education — Santa Clara, CA (USA)   April 2018 - July 2018
Technical Intern
- Analyzed and interpreted student information from over 140 school districts for product pricing using pivot tables
- Built custom functions on Google Sheets to document company's product usage as well as to facilitate the tallying and analysis of data to ensure accuracy
- Learnt HubSpot to perform complex queries in generating over 140 reports that contributed to Corporate development

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PROJECTS

MyDoctor Android Mobile Application   December 2020 - January 2021
- Built a full-stack Android mobile application to ease and facilitate communication between patient and doctor
- Integrated application with Firebase's Realtime Database to store and sync user data in realtime
- Managed and maintained overall global application state using React-Redux to ensure consistent state behaviour
- Designed and developed user interface features and mobile application system using React Native

Portfolio Web Application   June 2020
- Designed and developed a React web application that serves as a portfolio
- Experimented with Javascript and CSS styling, as well as React components including React-MDL and React-Router

Dane County Humane Society Mobile Application   October 2019 - December 2019
Project Manager and Full Stack Developer
- Designed the mobile application using the Scrum process framework and Model View Presenter (MVP) architecture
- Designed the overall system of the mobile application to meet the requirements and specifications
- Implemented Firebase's Cloud FireStore as the application database for data storage and collection of documents
- Created a gated admin access to allow for data modification such as adding/deleting animals from the respective database within the mobile application itself
- Lead and supported 4 teammates in facilitating the front-end to back-end communication of animal and user data

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SKILLS

- Languages: Javascript, Python, Java, SQL, C++, HTML, CSS
- Technologies: React Native, Git, React.js, React-Redux, Flutter
- Spoken Languages: English, Chinese, Indonesian and Malay

EXTRACURRICULARS

PERMIAS Student Association — Madison, WI (USA)   September 2018 - May 2020
Vice President
- Collaborated with the President in making decisions externally and internally within the organizations
- Advised 2 divisions within the organization on event expenses and budgeting as well as publication and marketing
- Served leadership roles and delegated responsibilities in 8 projects and initiatives such as Build-a-Resumé Workshop

De Anza Association Student Body — Cupertino, CA (USA)   April 2017 - March 2018
Senator & Vice Chair of Diversity and Events Committee
- Managed a student budget of over $1.285 million to programs and organizations on campus
- Directed and facilitated events with $9,000 budget promoting multicultural diversity and college spirit to over 20,000 students