

# Trisha Bernice

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## EDUCATION

**University of Wisconsin- Madison — Madison, WI** May 2020  
Bachelor of Science  
Major: Computer Science, Certificates: Mathematics and Entrepreneurship  
Relevant Courses: 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** June 2018

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## PROJECTS

**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
- Deployed the web application to Github

**To-do-list Web Application** June 2020

- Utilized React Components in creating states and props to add/delete/view items in to-do-list
- Designed and styled the user interface using Javascript and CSS to ensure optimization across different screen sizes

**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
- Designed and built the front-end application pages and subpages in Dart using the Flutter Framework
- 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: Java, Python, SQL, Javascript, CSS, C++, Dart and C
- Technologies: Azure, AWS, React, Flutter
- Spoken Languages: English, Chinese, Indonesian and Malay

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## EXPERIENCE

**MERIT Library at the University of Wisconsin- Madison — Madison, WI** 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
- Monitored and triaged 15+ tickets entries that arrive in help desk queue daily
- Documented problem resolutions to the knowledge database to assist other IT personnel

**Illuminate Education — Santa Clara, CA** April 2018 - July 2018  
*Technical Intern*

- Analyzed and interpreted student information from 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 140+ reports that contributed to Corporate development
- Worked collaboratively with the data analyst to solve various data needs in a scalable method

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## EXTRACURRICULARS

**Indonesian Student Association at the University of Wisconsin- Madison — Madison, WI** 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 in leadership roles and delegated responsibilities in 8 projects and initiatives such as Indonesian Night, Build-a-Resumé Workshop and SEA Street Food Fest
- Designed organization website on website builder service and ensure it is updated and accurate

**De Anza Association Student Body at De Anza College — Cupertino, CA** 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
- Successfully hosted 14 events on campus including: Spring Carnival, Dodgeball Tournament, Diversity Day, etc
- Directed and facilitated events with \$9K budget promoting multicultural diversity and college spirit to 20,000 students
- Attracted 250+ attendees per event and saved \$2K in budgets for professional services