

# Denny Feng

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## Education

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**San Francisco State University**

**Graduated Dec 2021**

**Major:** B.S. in Computer Science (GPA: 3.50)

**Relevant Coursework:** Intro to Database Systems, Programming Methodology, Web Development, Human Computer Interaction, Prog Paradigms & Languages, Internet App Design & Development

## Projects

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### StanceLab ([StanceLab-Final](#))

- Developed and iterated on a responsive web application user interface for clients of a car shop to request quotes, parts, and orders.
- Conducted focus groups with 5+ potential users to improve design and usability.
- Integrated Google Maps API to display the business' location to enhance customer experience.
- Utilized: Figma, JQuery, HTML, CSS3, Bootstrap 4, Google Maps API

### Discord Bot ( [Database Discord Bot](#))

- Built a database model to facilitate fast and efficient queries from the MySQL workbench for blood bank information.
- Constructed an enhanced entity relationship diagram to provide a visual representation of the database model.
- Integrated Discord.js with MySQL queries to create a bot that retrieves and displays information on the Discord server.
- Utilized: draw.io, MySQL Workbench, Discord.js, Replit, JavaScript

### GatorDash ([Application Screenshots](#))

- Collaborated with a team of 5 to develop a full-stack application to produce authentication, search, order placement, checkout, and order status
- Employed the User Centered Design approach to create the foundation of the application.
- Incorporated Quality Assurance testing to assure the accuracy of core functionalities.
- Utilized: Express.js, User Centered Design, MySQL Workbench, Node.js, React, Google Maps, AWS

### Infotainment ([Infotainment](#))

- Extracted data from The Movie Database(TMDB) API to create endpoints for an iOS application using SwiftUI.
- Designed a RESTful backend server optimizing the application data to be stored efficiently.
- Stored TMDB data as JSON to implement features like image carousels, search, shows and movie trailers.
- Utilized: SwiftUI, TMDB API, JSON, Model View Controller architecture

### Authentication Boilerplate ([Auth\\_BP](#))

- Created MERN stack authentication system that allows users to sign-up, log-in, reset their password, and verify their email for an account.
- Designed a RESTful backend server using security protocols that enable users to safely store their registered data in MongoDB
- Developed a frontend client page using React and Redux to create layouts and persistent data storage.
- Utilized: MongoDB, Mongoose, React, Redux, JavaScript, Pugjs, bcrypt, Express.js

## Skills

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**Frontend:** HTML5, CSS3, React, Redux, Styled-Components

**Backend:** Node.js, Express.js, MongoDB, Mongoose, MySQL Workbench, RESTful API

**Languages:** JavaScript, SwiftUI, Swift, Python, TypeScript