

# Joseph Verdugo

Irvine, CA

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## EDUCATION

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- **University of California, Irvine** Irvine, CA  
*Bachelor's of Science in Computer Science; GPA: 3.16* *Sept. 2016 – June 2020*

## EXPERIENCE

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- **Course Assistant**  
*Course Design* *June 2019 - Sept. 2019*
  - **Documentation:** helped created the documentation for our project's endpoints. This required detailing how each endpoint should act and their functionality.
  - **Database Design:** assisted in creating the system's relational database (MySQL).
  - **Front-End:** worked closely with other individuals to create the front-end for the final product. Process was done in an agile work-flow through the use of Pivotal Tracker.

## PROJECTS

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- **FabFlix (Java, JavaScript, SQL, HTML, CSS):**
  - Full-stack, SPA eCommerce web system using SQL
  - Developed from scratch using Grizzly and Jackson to handle requests sent
  - RESTful backend was split into separate servers for each microservice and all connected through the API Gateway to communicate with other servers and then back to the user
  - API Gateway utilizes multi-threading in order to process requests from several users
  - Practiced real-world security principles such as salting and hashing to safely store info to MySQL
  - Used PayPal's API in order to process payments
  - Movie Information acquired through TMDB API
- **Calorie Tracker (JavaScript, HTML, CSS):**
  - Vanilla JavaScript, Single-Page Application
  - Allows user to add, update and delete food items along with calories
  - Calories are totaled for the user to see
  - Used different ES6 techniques such as promises and asynchronous functions
- **Blogging Application (JavaScript, MongoDB, Express, Node, HTML, CSS):**
  - Created a web application that allows individuals to create, edit, and delete posts.
  - Followed restful routing in order to create endpoints

## SKILLS

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**Languages:** Java, JavaScript, SQL, Python, C++,

**Technologies:** React, Node, Express, Git