

Ani Movsesian

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EDUCATION:

Bachelor of Science, Computer Science Jan 2021 – May 2023

California State University, Los Angeles

RELEVANT CLASSES:

Current Trends in Web Design, Web and Internet Programming, Software Engineering, Database Systems, Analysis of Algorithms, Data Structures, Advanced Programming (Java), Advanced Programming (C++), Artificial Intelligence, Advanced Machine and Deep Learning, Data Science

TECH SKILLS:

Languages: JavaScript, TypeScript, HTML, CSS, Python, Java, SQL, NoSQL, C++

Frameworks/Libraries: Angular, React, Redux, Node.js, Material UI, Bootstrap, Flask, MySQL, Pandas, Numpy, SKlearn

Other Technologies: Git, Apache, Nginx, Google Cloud

PROJECTS:

Personal Website - JavaScript

- Designed a responsive portfolio website for myself to showcase my work.
- Used HTML, CSS, JavaScript, and Apache to host the website from a micro vm on Google Cloud.

MyPlanner - JavaScript / React (Frontend) & Python / Flask (Backend)

- Developed a mobile-responsive React app with Material UI that displays the planner for users.
- Designed the database schemas and implemented tables in MySQL to keep track of users, meals, and groceries.
- Implemented a modular RESTful CRUD API using Flask, FlaskRestful, Marshmallow as the backend to the application.
- Used common Python libraries to generate JWT and authenticate users.

Mozilla Contributor (Senior Project) - JavaScript

- Attended weekly scrum meetings with Mozilla team members to give status updates and discuss new bugs.
- Improved migrator interface and enhanced user experience for importing files from other browsers when switching to Firefox.
- Bug fixes were published starting with Firefox Version 115.

Music Store Project (Database Systems) - Java & PostgreSQL

- Designed several database schemas in PostgreSQL to model a music store that sells and records records.
- Wrote a Java program utilizing JDBC and a CLI that allows users to create objects in the database instance..

Top 100 Song Predictive Model (Data Science) - Python / Pandas, Numpy, SKlearn

- Built a classifier to predict the likelihood that songs would make it in the top 100 chart in the U.S.
- Used Kagle dataset and Numpy to train a logistic regression model based on attributes such as genre, length, and style.

Transaction Tracker (Software Engineering) - TypeScript / Angular (Frontend) & Python / Flask (Backend)

- Created a mobile-responsive Angular app with Bootstrap that displays user transaction data.
- Designed the database schemas and implemented tables in MySQL to keep track of users and transactions.
- Implemented RESTful CRUD API using Flask to serve data to the front-end application.