Dennis Jimenez

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EDUCATION

California State Polytechnic University, Pomona

Bachelor of Science in Computer Science

Relevant Coursework: Data Structures and Algorithms, Object Oriented Design and Programming, Database Systems, Computer Networks, Programming GUIs, Web Development

PROJECTS

Personal Website

- denjj.github.io/portfolio (for project source code and live demos)

Facefinder

- Engineered a full-stack web application which uses AI to detect faces from uploaded images.
- Assembled a REST API server and relational SQL database to store user profile data and statistics.
- Built with React, Node.js, Express, and PostgreSQL.

Cravings Dash

- Programmed a REST API server for a food delivery/takeout full-stack web application.
- Constructed a database design model and implemented into a nonrelational NoSQL database.
- Collaborated, delegated, and communicated responsibilities within project team using GitHub.
- Built with React, Node.js, Express, and MongoDB.

Late Night

- Designed and launched a front-end music streaming client with interactive playback controls.
- Interacted with SoundCloud APIs to retrieve track metadata and statistics.
- Built with HTML, CSS, and JavaScript.

PNWX Radiology Redesign

- Redesigned a commercial radiology website to follow modern design principles.
- Created an interactive front-end prototype of homepage.
- Built with Java and JavaFX.

Movie Review Analyzer

- Created and trained a neural network to classify a movie review text from IMDB as either a positive or negative review with 90% accuracy.
- Utilized machine learning via TensorFlow and Keras libraries.
- Built with Python on Google Colab.

SKILLS

Languages: JavaScript, HTML, CSS, Java, C++, Python, SQL, MIPS Assembly

Technologies: React, Redux, Node.js, Express, MongoDB, PostgreSQL, Bootstrap, Tachyons Git, Postman, JavaFX, TensorFlow, Keras, Adobe Photoshop/Illustrator