JOMEL BAUTISTA

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EDUCATION

Coding Dojo   San Jose, CA
Obtained Full-Stack Developer Certificate   10/22
- Completed projects utilizing the following technologies: JavaScript, React.js, Express, MongoDB, Mongoose, Socket.IO, JSON Webtokens, Python, Flask, MySQL, AJAX, API, HTML, CSS, Postman, Git, and Github

De Anza College   Cupertino, CA
Completed coursework in Web Development, iOS Mobile Development, JavaScript, C++, and Photoshop   12/19

Stanford University Continuing Studies Program   Palo Alto, CA
Completed coursework in Python programming and algorithms   05/19

California State Polytechnic University, Pomona   Pomona, CA
Received Bachelor of Science in Civil Engineering, First-generation college student   06/17

TECHNICAL PROJECT EXPERIENCE

MERN Keeper   Github | Demo Site
Developed full-stack web application inspired by Google Keep with automatic text orientation and script detection feature
- Designed modularized full-stack single page application with MERN stack including React.js front-end framework
- Customized user interface elements to ensure responsiveness and readability to various screen sizes
- Created custom React Hooks to handle authentication/authorization via middleware using JSON Webtokens
- Designed complete CRUD abilities to support custom models, routes, controllers, middleware, and API endpoints
- Integrated Tesseract.js library for optical character recognition feature to record text from images

Sportopedia   Github | Demo Site
Developed full-stack web application for youth basketball organization to record and display player rosters and statistics
- Built advanced CRUD abilities for modification of MongoDB nested documents using Mongoose library
- Implemented Axios API library to make asynchronous HTTP requests to custom developed API endpoints
- Utilized Chart.js library to efficiently visualize queried data from MongoDB database

South Bay Rehab and Performance Clinic Website   Github | Live Site
Developed website for a local chiropractic clinic to display business information, services, and videos
- Developed modern user interface based on client input with HTML, JavaScript, CSS (Bootstrap Framework)
- Followed best practices of semantic HTML tags to improve accessibility and search engine optimization

JPMorgan Software Engineering Virtual Experience on Forage   Github
Received certification on 01/23 for completing virtual program based on company's framework and tools
- Completed financial analysis and web application tasks utilizing Python, JavaScript, TypeScript, Git, and Github

WORK EXPERIENCE

Valley Water   San Jose, CA
Pipeline Project Delivery Unit - Associate Engineer, Assistant Engineer I & II   06/17-01/19, 07/19-09/22
- Developed verbal and written communication skills as the primary liaison between staff and local city jurisdiction
- Produced project budgets, GANTT charts, risks and corresponding mitigation plans, and communications plans
- Delivered engineering design, calculations, specifications, and cost estimates to deliver construction contracts

Valley Water   San Jose, CA
Hydrology, Hydraulics, and Geomorphology Unit, Asset Management Unit - Assistant Engineer I   01/19-06/19
- Created GIS maps via SQL queries on GIS platform of the company database to create figures for permitting
- Updated company database on maintenance schedule of assets to forecast maintenance budgets