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TECHNICAL SKILLS

HTML/CSS • Bootstrap • Python • Git • JQuery • Responsive Web Design • Flask Framework • Virtual Box • SQL Alchemy • Jinja • Linux • Grunt
Database • Postgresql • Agile PLM • WordPress • Filemaker • Access • Photoshop • Inkscape • GAE • AWS

PROJECTS

Neighborhood Map Project | A single page map application that shows various locations in a city

- Used git, knockoutjs, the Foursquare API, AJAX, & JQuery to develop this app
- Added a hide/unhide function with a location filter
- https://apk29.github.io/neighborhood_map/

Configure Linux Server to Host an App | Prepared a baseline installation of a Linux Server for an app

- Secured the server from attack vectors
- Installed and configured a database with a web application

Item Catalog | This is a web app that provides a list of items within various categories.

- Registration and authentication with Google or Facebook
- Incorporated CRUD (Create, Read, Update, & Delete) operations with the web app database

Secured Multi User Blog | Blog web app that required registration for multiple users

- Added user registration
- Added login/Logout, edit/delete, like/unlike, error message if rules are not followed, and limit edit/delete feature to owner
- <https://security-apk29.appspot.com/blog>

EXPERIENCE

Worldwise Inc. | Cost Analyst/Engineer

Novato, CA 2016

- Tracked cost & managed database to ensure profitability on new and existing products
- Establish product cost targets to align with pricing and margin goals for the company
- Enhanced and streamlined cost analysis tool in excel and database management systems to increase productivity by eight times
- Created a system to cross train staff in cost analysis to ensure continuity in staff transition

Mattel Inc. | Cost Engineer | Project Manager | Senior Project Manager

El Segundo, CA 2008-2015

- Managed Mattel IP (Intellectual Property) from concept through production
- Manage multiple projects of varying product types and complexities while maintaining cost, schedule and quality targets
- Work closely with overseas development, tooling, and manufacturing to ensure successful project completion
- Develop, maintain and drive schedule execution of worldwide products
- Act as liaison between El Segundo teams and overseas locations throughout the product life cycle
- Estimate tooling cost and capacity required to support product launch
- Develop cost estimates and provide cost /financial analyses for different types of products
- Guide Marketing into optimizing the content and features of products given the constraints of selling price and target margins

EDUCATION

Udacity | Fullstack NanoDegree | Intro to Programming NanoDegree

California State Polytechnic University, Pomona, CA | BS, Civil Engineering

University of California, Davis | BA, History

PERSONAL

I am an avid rock climber and hiker who loves traveling and meeting new people. I love new things and keeping my mind sharp. I work well within teams as well as solo. I endeavor to be a full stack web developer.