JAM JAM JAMES PEREY

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Personal Statement

Aspiring software engineer that is continuously honing his craft. With several projects in the MERN and Python-Django stacks, I can proficiently code new features, websites, apps, and anything in between. I have knowledge of not just SWE, but also ME, where I developed problem-solving, communication, and leadership skills.

Languages

Front End

• HTML5 • CSS3 • JavaScript • Markdown • React • Express • Django

Back End

• Java • Python • Node.js • MongoDB • PostgreSQL • SQLite

Other

• Github • VS Code • Bootstrap • Bulma

Experience

Final Project - MOOV App Designer/ Coder **08/2021 to 08/2021**

General Assembly Final Project **San Francisco, CA**

- Implemented full C.R.U.D. for the project.
- Designed functions to allow users to upload floorplan images, create furniture, and move/rotate furniture on a scaled floor plan in order to visualize the user's space and make decisions based on the space provided.
- Developed trello boards, design decisions, and had stand up/ down meetings with my team in order to familiarize ourselves with company protocols.

MEP Engineer **06/2017 to current**

HOK **San Francisco, CA**

- Calculated building airflow, heat transfer, & equipment usability for dozens of projects.
- Designed HVAC, mechanical piping, as well as plumbing systems using AutoCAD & Revit.
- Ran airflow simulations using IESVE.
- Led engineering meetings that solved various project issues that included system design & project research.

Junior Mechanical Design Engineer/ BPS Data Analyst **02/2015 to 02/2017**

Chevron Corporation/ Harvest Technical Services **Richmond, CA**

- 2 years of experience in calculating pipe thickness from P&ID's, Walks, and ISO's. With Chevron's help, proper actions were developed and implemented for failed piping.
- Created a multitude of engineering documents and reports: Construction drawings, Bill of Materials, design change notifications, ISO's, etc.
- Developed 3D models of piping circuits using CAESAR II, which were used to simulate different stress points in a piping circuit.
- Reconstructed BPS's website to be up-to-date, and more manageable which allowed users to navigate to their desired information faster.
- Wrote programs in Java, Visual Basic, and Python in order to perform a myriad of tasks for different groups in Chevron. Tasks ranged from pulling data from different sources, to editing thousands of files quickly and efficiently, saving thousands of dollars.

Education

2021 Software Engineering Boot Camp Certificate **General Assembly**

Bachelor of Science: Mechanical Engineering **University of California, Merced**