

Jhensen Ray Agni

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WORK EXPERIENCE

Dovenmuehle Mortgage Inc.

San Francisco, Ca

Software Engineer

Jan 2022 - Present

- Secured critical B2B relationships by developing the yourmortgageonline.com private label migration process for 72+ clients (credit unions/banks) with unit testing, end-to-end testing, and resource triage.
- Achieved a user-rating of 4.9 stars on the [Apple Store](#) and 4.8 stars on [Google Play](#) by expanding on features that prioritize user experience and satisfaction for the yourmortgageonline mobile web and native app.
- Transformed Loan Profile/Tellerview into a one-stop shop platform for managing and resolving borrower account issues by integrating the Jira Help Desk Feature into the application used by 1000+ of credit union tellers.

Rithm School, Inc.

San Francisco, Ca

Software Engineer Intern

2021 - 2021

- Streamlined staff user experience by designing a Django feature that provides a centralized view of responsible individuals for exercises, lectures, and events on the Student Information System (SIS) application.
- Migrated the backend caching system from local memory caching to Redis to improve scalability and performance.
- Maintained 100% test coverage with unit tests and integration tests for newly built features.

Honeywell Aerospace

Torrance, Ca

Test Engineer

2020 - 2021

- Coordinated cross-functional teams of technicians, stress analysts, and mechanical design engineers using Agile methodologies to successfully execute Acceptance and Qualification Tests on 10 different projects, meeting aggressive schedules and milestones.
- Facilitated Test Readiness Reviews with customers, stakeholders, and the engineering team to validate project scope and optimize project cost with testing timelines.
- Reduced project cost by \$15000 per test and reduced project completion time by 2 weeks by reviewing project discrepancies in costs for tests equipment, recommissioning processes, and program structure.

Naval Surface Warfare Center, Corona Division

Norco, Ca

System Engineer

2019 - 2020

- Overhauled Material Readiness Database (MRDB) system reliability models for electrical power systems to accurately assess the single system, multi-system, and system of system readiness.
- Developed criteria and methodologies for evaluating material readiness assessment of non-expendable equipment for electrical power systems to investigate readiness problems, trends, and drivers.
- Coordinated System Readiness Reviews with stakeholders, fleet command, and the program office in order to determine key areas of concern and provide data-driven decisions

Eotron LLC.

Ontario, Ca

Product Development Intern

Jun 2018 - Dec 2018

- Designed (SolidWorks) and programmed (C, ROS, and Python) a semi autonomous robot that spot cleans surfaces using UV-C LEDs

SKILLS

Languages: JavaScript, TypeScript, Python, Matlab, C/C++ , Go, SQL, HTML, CSS

Technologies: React, Redux, Node, Express, Django, NextJS, Flask, SQLAlchemy, PostgreSQL, VSCode, SolidWorks, Robotic Operating System (ROS), Vim, Git, Github, Redis, AWS S3, Docker, MySQL/MariaDB

EDUCATION

Rithm School

San Francisco, Ca

Full Stack Web Development Bootcamp Certification

Graduation Date: Oct 2021

University of California, Riverside

Riverside, Ca

B.S. Mechanical Engineering with a concentration in Manufacturing and Design

Graduation Date: 2019

