

# STEVEN OWENS

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PORTFOLIO <https://sd-owens.herokuapp.com>

## PROFESSIONAL SUMMARY

Upcoming Computer Science graduate at Oregon State University with a unique skill set combining dual bachelor's degrees in computer science and business, with over 20 years of experience as a program manager in one of most technically demanding fields in the US. Armed Forces, the Navy's Nuclear Propulsion program.

## TECHNICAL SKILLS

C / C++	Express	MySQL	Object-oriented Design	Git	Team Leadership
Python	NodeJS	Bootstrap4	Data Structures	Heroku	Team Development
Java	EJS	Make	IntelliJ / CLion	Microsoft TFS	Requirement Analysis
HTML, CSS	JavaScript	Linux	Version Control	Asana	Release Testing

## EDUCATION | CERTIFICATIONS

**BS, COMPUTER SCIENCE** | Oregon State University | Corvallis, OR (Expected: 12/2020)  
• Cumulative GPA: 3.96

**BS, OPERATIONS AND PROJECT MANAGEMENT** | Southern New Hampshire University | Manchester, NH  
• Summa Cum Laude

**PROFESSIONAL PROJECT MANAGER (PMP)**, Project Management Institute. Active | Issued 05/2019

**SAFE FOR TEAMS, CERTIFIED SAFE PRACTITIONER (SP)**, Scaled Agile, Inc. Active | Issued 10/2018

## PROJECTS

**LOW LEVEL IO WIN32API** (<https://github.com/sd-owens/lowlevelwin32api>)

- Implemented hardware level input and output operations using Win32API macros in Microsoft Assembly language (MASM). Allows fastest performance of arithmetic calculations at one abstraction above the machine language.

**ROWFORREVEILLE.COM** (<https://sd-owens-row4reveille.herokuapp.com>)

- Designed and implemented a mobile-first dynamic website in support of charity fundraiser for Project Reveille. Utilized NodeJS and Express as back-end. Front-end in embedded JavaScript and Bootstrap4. Deployed via Heroku.

**AUTOMATED FOOD DELIVERY APPLICATION** (<https://github.com/sd-owens/automatedfooddelivery>)

- Led a team of 5 in the user experience and interface design (UX/UI) for an automated food delivery application. Utilized PRICPE design process. Prototype created on Apple iOS using the Figma Interface Design Tool.

**SOUL EXCHANGE** ([https://github.com/sd-owens/soul\\_exchange](https://github.com/sd-owens/soul_exchange))

- Collaborated to build a full featured auction website for goods or services. Built on NodeJS with Express as the back-end with full CRUD functionality (SQL). Front-end in embedded JavaScript and Bootstrap4. Deployed via Heroku.

## WORK EXPERIENCE

**TECHNICAL PROGRAM MANAGER, US NAVY** 12/2016 TO PRESENT

- Supervise a team of six subject matter experts ensuring maximum up-time, software development, software release testing, and version control of a \$8 million submarine nuclear reactor plant simulator for over 1200 end-users in the pacific northwest. Managed bug tracking and feature requests using git and Microsoft Team Foundation Server.
- Manage simulator day to day operations, testing, patching, and quality control sustaining an unmatched 150% utilization rate of asset with 0% unplanned downtime across the entire program domain.
- Implemented agile methodologies to prioritize product backlogs reducing iteration duration between feature and enhancement deployments by over 50%. Work directly with customers for product feedback and feature requests.

**ENGINEERING PROGRAM MANAGER, US NAVY** 09/2010 TO 12/2016

- Supervised five cross-functional teams (7-14 members per team) consisting of 60+ total team members responsible for ensuring maximum readiness for overseas assignment of a naval nuclear submarine reactor plant and associated propulsion support equipment. Ensured adherence to all technical requirements in dynamic, high stress environment.
- Managed implementation and end-user testing of software solution for electronic documentation of training and qualification programs for over 320 end-users. Maximized customer success by generating best practices and lessons learned for future implementation on similar platforms in pacific northwest.
- Established "best-of-the-best" culture for training and readiness, ensured long-term organizational success through effective team development and cross-training, resulted in recognition as #1 of 14 peer managers in region.