

Shawn Stolsig

Full-Stack Developer - Las Vegas, NV

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PROJECTS

PyChallenges, Full Stack, Solo (JUL 2020- Present)

A website for completing coding challenges in Python.

- Custom in-browser environment for writing, running, and testing Python code
- Challenge-specific unit testing (written in Javascript) to validate that user's Python code produces correct output
- Users can save/open code snippets and track their overall progress across different sessions via a REST API and JSON Web Token authentication system
- Stack: HTML, CSS, JavaScript, React.js, Materialize UI, Python, Django, Django REST, SQLite, JSON Web Tokens, Pyodide

shiftManagr, Full Stack, Solo (Jan 2020- Mar 2020)

A tool to assist operations leaders with allocating, tracking, and communicating workstation assignments to their employees.

- Draggable/resizable cards allow users to graphically create custom work spaces and assign employees to workstations.
- RESTful API supports extensive CRUD interfaces for user-created departments, shifts/cohorts, employees, and processes/roles.
- Autofill algorithm to automatically staff work space based on available employees in selected roles and workstations
- Stack: HTML, CSS, JavaScript, Vue.js, Vuetify, Python, Django, Django REST, SQLite, JSON Web Tokens

EXPERIENCE

Amazon, Operations Manager, Las Vegas, NV (JUL 2017 - AUG 2019)

- Directed all dayshift outbound operations of an 800k sq. ft. customer fulfillment center by leading a team of five salaried managers and over 200 pick, pack, and dock associates. Shipped up to 30,000 units per 10hr shift.
- Launched an associate recognition program for quality metrics, contributing to an 8% sellable yield improvement from Q2 to Q4 2018, equivalent to an annualized \$5.1M in recovery of products sold through Amazon's used marketplace.

Cisco, Product Manager Intern, San Jose, CA (JUN 2016 - SEP 2016)

- Collaborated with sales teams, marketers, finance specialists, and product managers to develop future hardware roadmap for Cisco's virtualized enterprise branch routing business. A full-time employee was assigned to oversee and implement final recommendations upon completion of internship.

US Navy, Submarine Officer, Multiple Locations (MAY 2008 - MAY 2015)

- Led over 40 cross-functional engineers and technicians to execute operations of a \$2B submarine. Directly contributed to crew winning squadron's top award for excellence in 2013 as the #1 ranked junior officer from a group of nine.
- Headed ship-wide maintenance program that certified work on submarine's critical seawater systems. Recognized by squadron-level supervisors for the best program of 23 submarine crews in the region.

PROGRAMMING LANGUAGES

- JavaScript
- Python
- HTML/CSS

FRAMEWORKS

- React.js
- Vue.js
- Django
- Django REST API
- Materialize-UI
- Vuetify

EDUCATION

B.S. in Computer Science
US Naval Academy - Annapolis, MD
June 2004 - May 2008

Graduated with Merit. Top 20% of class academically with 3.56 cumulative GPA and 3.89 GPA in Computer Science courses. Completed summer internship at the Naval Research Laboratory in Washington DC, working on increasing the efficiency of video streaming protocol designed for the battlefield.

Master of Business Administration
UCLA: Anderson School of Management - Los Angeles, CA
Sep 2015 - June 2017

Full-time MBA program with focus in technology management. With a team of 17 other students, developed a new portal for the school's clubs as a final capstone project (using ASP.NET stack).

Full Stack Web Development
PDX Code Guild - Portland, OR
Oct 2019 - Feb 2020

A 14 week program which included over 420 hours of developing software using Python, Javascript, Vue.js, Django, SQLite, HTML, CSS, agile workflow, and in-person group programming.