JOSEPH URSCHLER

Software Engineer

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REVELANT WORK EXPERIENCE

Clever Counsel   San Francisco, CA
Software Engineer   May 2020 – June 2020
- Web platform that optimizes wage discrimination case-building for lawyers
- **Revamped documentation** over the backend and **enhanced testing coverage** over RESTful API routes by expanding coverage to all routes and models
- **Designed and built** secure password recovery feature consisting of several **React** components, **Flask** RESTful API endpoints, **Flask-Mail** for sending emails, **AWS (SES)** to serve emails, **itsdangerous** for token signing/hashing/validating, and a **MySQL** database

Connor Group   San Francisco, CA
Sr Consultant (Financial Ops, Digital Solutions)   Sept 2019 – March 2020
- Deployed system integrations of applications such as NetSuite and SalesForce using **JavaScript** and Boomi to streamline business processes
- Led **business development** opportunities from initial fact gathering to pitching solutions

Deloitte   San Francisco, CA
Associate Product Manager (Audit Innovation)   Oct 2017 – April 2018
- Worked with global practice leaders **to develop the firm's next gen audit platform**
- Led development of specific risk assessment features using **Agile** methodology
- Managed a team of 5 engineers while coordinating with cross-developing teams
- Created and maintained budget versus actual performance metrics using Excel and VBA to track and analyze queried Microsoft Visual Studio data over the entire project of more than 250 people and $1 billion

FEATURED PROJECTS

Apartment Ranker (Solo) – Github | Demo
- Web application enabling quick comparison of apartments listed on Craigslist
- Users provide links to listings which are then displayed in descending order based on an aggregate ranking as calculated by the values assessed by the user for each listing
- Frontend built with **React** with **Redux** for state management, styled using **Sass**
- Backend built with **Flask** and **PostgreSQL**, utilizing **Selenium** to scrape relevant information about a listing from a user-provided Craigslist URL
- Backend is served through **Heroku** and frontend hosted using **Netlify**

Microblog (Pair) – Github | Demo
- Blogging web application that enables users to post and comment on posts
- Built using **React** and **Redux** for robust state management in the frontend, and **Node/Express** and **PostgreSQL** in the backend

Warbler (Pair) – Github | Demo
- Twitter clone that enables users to tweet and follow one another
- Built using a **Python Jinja**-supplied frontend, and **Flask** and **PostgreSQL** in the backend

OTHER WORK EXPERIENCE

Deloitte   San Francisco, CA
Associate, Senior Associate, Senior (External Audit)   Sept 2016 – Sept 2019
- Used a variety of tools and techniques to perform **qualitative and quantitative analyses** of financial statements to verify material accuracy
- Specialized in **growth advisory** with respect to accounting, financial forecasting, and revenue **strategies** for pre-IPO companies
- Collaborated in teams of four to twenty across financial services, technology, and retail industries to produce tangible solutions for complex enterprise needs
- Met with and **presented findings to client senior management**: CEOs, CFOs, etc.
- **Licensed CPA** in the state of California

SKILLS

Development Languages:
JavaScript, Python, Sass, CSS, HTML

Frameworks & Libraries:
React, Redux, Node.js, Express, Flask, Selenium, Jest

Databases & Deployment:
PostgreSQL, MySQL, AWS (SES, S3, EC2), Heroku, Netlify

EDUCATION

Rithm School
San Francisco, CA
2020
Software Engineering Degree

University of Missouri
Columbia, MO
Aug 2011 – May 2016
M.S. Accountancy
B.S. Accountancy
Excellence Award Scholarship
Bright Flight Scholarship
ACT: 33 | GPA: 3.5/4

OTHER PROJECTS

Jobly (Pair): job application site built with a **React** frontend and **Node/Express** backend

Fantasy Anything (Solo): currently in development, application that provides ability to customize fantasy brackets or pools for sporting events or TV shows

INTERESTS

Drone photography, snowboarding, golf, hiking, reading, professional sports, movies, travel, cooking