

# JOSEPH M. URSCHLER, CPA

Full-Stack Software Engineer

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## EDUCATION

### Rithm School

Software Engineering Immersive Course

San Francisco, CA

March 2020 – June 2020

### University of Missouri – Columbia

Master's of Accountancy | Bachelor of Science in Accountancy

Excellence Award Scholarship | Bright Flight Scholarship | ACT: 33 | GPA: 3.5/4

Columbia, MO

August 2011 – May 2016

## SKILLS

**Development Languages:** JavaScript, Python, SQL, HTML, CSS

**Tools / Frameworks:** React, Redux, Node.js, Express, Flask, PostgreSQL, MySQL, Bootstrap, Jest, AWS (SES, S3, EC2)

## EXPERIENCE

### Clever Counsel

Software Engineer

San Francisco, CA

May 2020 – June 2020

- Web platform which optimizes wage discrimination case-building for lawyers
- Collaborated with platform founder to **storypoint** and prioritize features using **Agile** methodology
- **Created and presented a visualization** of the database schema and table relationships using GraphViz
- Documented backend and **enhanced testing coverage** over RESTful API routes and **SQLAlchemy** 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

Senior Consultant (Financial Operations, Digital Solutions)

San Francisco, CA

Sept 2019 – March 2020

- **Designed and improved** business processes alongside client senior management to streamline operations
- Analyzed and minimized client business risk and consolidated accounting/finance functions
- Deployed system integrations of applications such as NetSuite and Salesforce using **JavaScript** and Boomi

### Deloitte

Associate, Senior Associate, Senior (External Audit)

San Francisco, CA

Sept 2016 – Sept 2019

- Performed **qualitative and quantitative analyses** of financial statements to verify material accuracy
- Collaborated in teams of four to twenty across financial services, technology, and retail industries
- Met with and **presented findings to client senior management:** CEOs, CFOs, etc.
- Interacted with a wide array of balance sheet and income statement accounts across the above industries
  - Performed discounted cash flow and market comp valuations for client level 2 and 3 investments
  - Advised a startup client on how and when to recognize revenue under the new ASC 606 regulations
  - Designed the commissions and variable compensation recognition plans for startup client Expanse

Associate Product Manager/Data Scientist (Audit Innovation)

Oct 2017 – April 2018

- Worked under and with global practice and firm leaders **developing 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 engineering teams
  - Maintained a backlog of stories and **communicated business requirements** to the engineers
- 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

## PROJECTS

**Microblog:** blogging site built using **React** and **Redux** for robust state management in the frontend, and **Node/Express** and **PostgreSQL** in the backend

**Warbler:** Twitter clone built using a **Python Jinja**-supplied frontend, and **Flask** and **PostgreSQL** in the backend