

Full-Stack Software Developer

[LinkedIn](#)

Utah, USA

@ jvandoren@gmail.com / m 801-230-7730

Work experience

Software Developer at Equitable Life & Casualty

Salt Lake City, UT

Feb 2019 – present

Built 3 applications to launch and support Equitable's fixed interest annuity products. The Back-end application provides a REST API written in Python using Django. The internal admin app uses a custom build system based on ReactJS and ParcelJS. The customer facing application was also built with React.

- Converted Annuity Illustration from MS Excel to Python using Pandas and NumPy.
- Reduced Illustration API response from 25 seconds to less than 100 milliseconds.
- Architected custom front end build system reducing JS bundle size by two thirds.
- Built a robust library of modular form components allowing for consistent and maintainable forms
- Rebuilt admin system's routing to increase scalability.
- Introduced Front-end integration and unit tests written with Jest and Enzyme.

Additional Tech Used: Redux, Docker, Babel, React Testing Library, Jira (kanban), Bitbucket (git)

Web Dev Teaching Assistant at University of Utah

Sandy, UT – Part Time

Apr 2018 – present

Worked with students one on one and in groups to facilitate learning web development from scratch. JavaScript comprises more than 70% of the course with core libraries and frameworks being jQuery, Node, Express, and React. SQL and NoSQL are covered via MySQL and MongoDB. Also, design patterns like OOP and MVC are included.

- Part of the instructional team of the first web development cohort to award 100% Instructor NPS.
- Provided feedback to students after reviewing homework for code quality and function.
- Presented Big O notation, algorithms, and data structures lesson to my most recent class.
- Demonstrated functional programming and how to make code reusable

Additional Tech Used: HTML, CSS, Bootstrap, Sequelize, Mongoose

Senior Tutor at Trilogy Education Services

Remote – Part Time

Apr 2018 – Nov 2019

The Central Support division of Trilogy aids students in one on one teaching sessions. Tutoring sessions are conducted via video chat (zoom). Categories include web development and data analysis and visualization

- My first student was assigned because I could accommodate their special needs.
- Primary topics: JavaScript, Node, Python, Pandas
- Promoted to Senior Tutor after 3 months

Additional Tech Used: Express, Mongoose, MySQL, Python, Pandas, matplotlib

Technical Freelancer

Sandy, UT

Mar 2017 – Feb 2019

Provided a variety of services to individual clients. Accepted work through platforms such as Workmarket.com, Thumbtack.com, and others.

- In home and remote tech support: services include reinstalling Windows, removing malware/viruses, replacing failed hardware, and troubleshooting networking issues.
- Tutoring: topics include Algebra, Statistics, Physics, and Calculus.

Implementation Engineer at Eccovia Solutions

Murray, UT

Oct 2016 – Feb 2017

Built custom user interfaces for Eccovia's care coordination platform ClientTrack. Worked with clients, business analysts, and project managers to ensure projects aligned with clients' needs.

- Constructed forms and workflows using ClientTrack's UI, JavaScript, HTML, T-SQL
- Technical lead assisting business analyst in creation and revision of project technical design.

Training and Certification Administrator at StorageCraft

Murray, UT

Feb 2013 – Sep 2015

Customized and administered StorageCraft's learning management system (LMS). The LMS allowed partners access to the courses necessary to earn StorageCraft's certifications.

- Designed permissions schema for user and content provisioning.
- Performed trend analysis on user, partner and geographic data.

Additional experience available via LinkedIn

Education

2013 – 2017

Bachelor of Science in Economics Emphasis in Statistical Analysis Minor in Mathematics

University of Utah

Completed Dec 04, 2018

Learning Algorithms in JavaScript from Scratch
<https://www.udemy.com/certificate/UC-SZ7FZA5F/>

Completed Nov 26, 2018

The Coding Interview Bootcamp: Algorithms + Data Structures
<https://www.udemy.com/certificate/UC-3LRBFIEI/>

Completed Feb 14, 2018

The Complete React Developer Course (w/ Hooks and Redux)
<https://www.udemy.com/certificate/UC-A4QXE0PK/>

Completed Nov 30, 2017

Node.js, Express & MongoDB Dev to Deployment
<https://www.udemy.com/certificate/UC-0FS8A8QZ/>

Completed June 01, 2016

JavaScript: Understanding the Weird Parts
<https://www.udemy.com/certificate/UC-I7DXJMC4/>

Tech skills and competencies

Languages

GraphQL, JavaScript (ES6), Python, SQL, TypeScript

Libraries and Frameworks

Babel, Bootstrap, Django, Enzyme, Express, Jest, Node, Pandas, Parcel, React, Redux, Webpack

Tools

Docker, Git, GitHub, Jira, MongoDB, MySQL, SQL Server Management Studio (SSMS)

Misc.

Agile, Data Analysis, Data Modelling, Functional Programming, Kanban, NoSQL, Object Oriented Programming (OOP), REST, SCRUM, Statistical Analysis, TDD