

# Jordan Co

Software Developer

## Details

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## Skills

JavaScript, Typescript  
Python, Flask  
Java, Maven, JUnit  
C, C++  
HTML, CSS, SASS, Bootstrap  
React, React Router  
Node.js/Express.js  
PostgreSQL, SQL  
Amazon Web Services  
(AWS): S3, Lambda, Cognito,  
API Gateway, DynamoDB,  
CloudFormation  
Docker  
Git, Github  
Jira, Agile Methodologies

## Links

GitHub  
LinkedIn  
Capstone Helicopter vs  
Ambulance App  
React Cocktail App

## Languages

English  
● ● ● ● ● ●  
Chinese  
● ● ● ● ● ●

## Hobbies

Fishing, Tennis, Camping, Rock  
climbing, Cooking, Gaming,  
Baking, Gardening

## Education

Portland State University, B.S Computer Science

Jan 2018 — Dec 2020 📍 Portland

GPA: 3.78

**Courses:** Operating Systems, Data Structures, Algorithms, Software Engineering, Full-stack development, Front-end tech, Web & Cloud systems, Web & Cloud security

## Experience

Software Developer, PSU Capstone Client

Jun 2020 — Dec 2020 📍 Portland

Within an 8 person team, used agile processes to design, architect, and code a web application according to client specifications. App calculates Helicopter Services vs Ambulance transport times and recommends the optimal mode of transport.

- Meet with the client regularly to translate MVP requirements into technical user stories on Jira and discuss the application mock-ups and workflows
- Developer role researching and integrating Google Maps API into React application for routing and geocoding
- DevOps role for Google Cloud and Heroku account setup. Automatic deployments from GitHub repository and API key management on Heroku.
- Data model design for storing App data in React context and browser local storage

Software Developer MECOP Intern, McAfee LLC

Apr 2019 — Sep 2019 📍 Hillsboro

Migrate large relational database to AWS cloud infrastructure

- Use S3, Lambda(Java), and DynamoDb to extract, transfer and load data from the previous relational database architecture to AWS to focus on meeting key organization objectives for scalability
- Created testable(JUnit unit test) and maintainable code to import and parse large feeds of JSON or XML data into AWS DynamoDB using S3 events to trigger Lambdas

Integrate AWS APIs with an internally used .NET website

- Integrate API from AWS API Gateway into critical internal .NET website using CLR stored procedures.
- Develop login page that uses AWS Cognito and API Gateway to authorize and authenticate users using modern web technologies
- Effectively coded software changes and alterations based on specific design specifications to reflected deprecated data


Manufacturing Technician, Intel Corporation

Mar 2016 — Aug 2017 📍 Hillsboro

- Operate, maintain, and repair specialized processing equipment in a clean room environment to keep output high without compromising safety or quality.
- Continually achieved excellence by maximizing tool throughput of critical product, leading to a 4% increase in WIP and continually beating other shifts in throughput
- Adapt to a dynamic work environment whilst monitoring and maintaining all processes related to wafer production.
- Effectively communicate tool status and required tasks to the team, process engineers, and other shifts

## Projects

### Cocktail Reference React App

Jun 2020 — Sep 2020  Portland

Contributed to a React app that serves as a reference for cocktail recipes via CocktailDB API integration and a web game.

- REST Express API to expose PostgreSQL back-end, React-router, React-Bootstrap
- Heroku deployment with PostgreSQL Database

\* Demo available under the links section. Please wait for cold start

### Real time vocoder

Mar 2020 — Jun 2020  Portland

Python project using Sox sound engine to alter microphone input in real-time.

- Manipulate WAV files using numpy methods and SOX sound engine
- Allowed several effects and sound profiles to choose from