### **EXPERIENCE**

### Company #1

Jr. Software Specialist

Aug 2020 - Apr 2022 | City

- Implemented new functionality on Computer-Aided Dispatch (CAD) web services using C#, .Net Core, and Blazor
- Improved median response time of API calls by 20% by identifying bottlenecks in Entity Framework Core queries
- Established automated build processes using Azure Pipelines, replacing outdated manual developer workflows
- Developed an automated email service that sends out reports when emergency incidents occur

# Company #2

Frontend Software Engineer Intern

May 2019 – Aug 2019 | City

- Implemented key features in the new Customer Feedback Form application using TypeScript and React
- Performed rigorous testing to locate browser defects, improving user experience across all supported web browsers
- Maintained internal component library with functional demos of components for isolated testing
- Improved frontend team development processes by revising Definition of Done criteria for future sprints

### Company #3

Software Developer Co-op

Sept 2018 – Dec 2018 | City

- Designed a service that intercepted data records sent to the analytics platforms using C# and .Net Core
- Implemented new data pipeline for enhancing data records, eliminating over 20 hours of manual work
- Integrated Microsoft Azure Cognitive Services to automate manual translation tasks on data
- Established rigorous unit and integration testing using xUnit and NSubstitute, achieving over 95% code coverage

#### Company #4

Frontend Software Engineer Intern

Jan 2018 - Apr 2018 | City

• Integrated new core features into Form Builder web application using JavaScript, React, and Redux

- Built unit tests using Jest and Enzyme that maintained over 90% code coverage of the entire application
- Converted all CSS within project to Styled-Components, eliminating longstanding visual defects in the process

Company #5

Student Programmer and KM Assistant

May 2017 - Dec 2017 | City

- Developed an application for hosting internal court documents and memos with C# and ASP.NET MVC
- Implemented document annotation features to help over 100 Supreme Court staff locate specific references

## **PROJECTS**

Project Name | Python, Flask, JavaScript, React, Docker, PostgreSQL, AWS (S3)

- An application that aggregates team compositions for the game, Princess Connect Re:Dive
- Established a data pipeline to pull images from the game and store them in an AWS S3 bucket
- Implemented GitHub Actions workflow to build and deploy project to Heroku
- Link to project here: [Link]

## TECHNICAL SKILLS

Languages: C#, Python, JavaScript (ES6, ES5), TypeScript, SQL, HTML/CSS

Frameworks and Libraries: .NET Core, ASP.NET MVC, Flask, React, Redux, NodeJS,

Bootstrap, ¡Query

Technologies and Tools: PostgreSQL, MS SQL Server, Oracle, Git, Docker

Testing: xUnit, NSubstitute, Jest, Enzyme, React Testing Library

## **EDUCATION**

Decent University | City Honors Bachelors of Science in Computer Science

GPA: 3.80/4.00 2015 – 2020