Antonio **Santos**

SOFTWARE ENGINEER

☐ (+1)587-969-3100 | ✉ anton.jaime15@gmail.com | 🏠 antondotio.github.io | ⬛ antondotio | in antoniosantos15

Experience

Phreesia	*Ottawa, Canada*
SOFTWARE ENGINEER	*Nov. 2022 - Sept. 2024*

- Developed and maintained complex APIs that integrated with several other systems such as **EMRs/EHRs, FHIR and HL7**, written in **C#**.
- Constantly upgraded outdated internal tools and features used by four major clients of the company.
- Programmed robust and extensive unit tests using **Moq and NUnit** to ensure high-quality code with minimal bugs and errors.
- Consistently monitored integration logs of hundreds of practices using **Sumo** and created dashboards to streamline finding errors.

WestJet with UCalgary - *https://engineeringdesignfair.ucalgary.ca/software/flightduck*	*Calgary, Canada*
LEAD BACKEND DEVELOPER	*Sept. 2021 - May 2022*

- Software engineering capstone project, sponsored by WestJet in partnership with the University of Calgary.
- Developed a flight recommendation system and flight history tracker in **JavaScript and Hapi.js** for the use of WestJet customers.
- Integrated the services with WestJet's commercial APIs and used **Vue and Storybook** to help visualize the data and the prototype.

Chata.ai	*Calgary, Canada*
BACKEND SOFTWARE DEVELOPER INTERN	*May 2020 - Aug. 2021*

- Participated in the entire application lifecycle, from design to deployment, with focus on implementation, testing and troubleshooting.
- Improved the company's business trajectory by building and maintaining a brand new AutoQL demo application in **Java, SpringBoot and PostgreSQL**.
- Increased the efficacy of company workflows by designing and implementing high performance and scalable **microservices and APIs** to automate several internal pipelines in **Python and Flask**.
- Collaborated with front-end developers to efficiently integrate various systems and expedite the deployment of services.

Skills

Languages	C#, Java, Python, JavaScript, C, C++, SQL, HTML5, SASS, CSS
Frameworks	SpringBoot, Flask, Axios, React, Vue, Node.js, Hapi.js, Express.js, Flutter, Socket.io, WPF

Projects

peachAt - *https://github.com/antondotio/peachAt*

TECH STACK: **JAVASCRIPT, EXPRESS, REACT, CSS/SASS, SOCKET.IO**

- A messenger app where you can join, choose a nickname and color, and talk with friends. Responsive to both web and mobile medias.
- Uses JavaScript, Express and Socket.io in the back end to perform the logic and send messages to clients. The front end is written in React in a bright, peachy color scheme.

Competl - *https://competl.vercel.app/*

TECH STACK: **JAVASCRIPT, REACT, NEXTJS, MONGODB**

- A Wordle clone that adds an extra layer of competitiveness with the use of a timer and a leaderboard that refreshes every day.
- Implemented the entire frontend components as well as the functionality of each tile and word guessing.

Virtual Realty - *https://github.com/antondotio/VirtualRealty*

TECH STACK: **C#, WPF**

- A web app that simulates an online real estate website where users can an in depth search system to discover, view and favorite home listings. Has significant focus on user experience, user interaction, and interface design.
- Responsible for building the logic behind the entire search feature of the system in C#, as well as its design.

UniversiTea - *https://github.com/antondotio/UniversiTea*

TECH STACK: **JAVASCRIPT, VUE, MYSQL, AXIOS**

- A social media platform for university students to make public or anonymous posts on dedicated school forum pages. Implements several software architecture patterns like MVC, microservices, Event Sourcing and CQRS

Education

Schulich School of Engineering, University of Calgary	*Calgary, Canada*
BACHELOR'S OF SCIENCE IN SOFTWARE ENGINEERING	