

## Skills

Languages: Python, JavaScript, SQL, C, HTML, CSS  
Software: Flask, React, Node.js, React Native  
Operations: Git, AWS CodePipeline, CodeDeploy, EC2/S3

## Work Experience

### Front-End Developer (Intern)

08/2020 – Present

#### S.A. Run

- Developed, tested, and deployed front-end web application components with React Native and JavaScript
- Implemented dynamic React Native web pages with JavaScript, HTML, CSS from concept through deployment
- Created REST API endpoints to interface front-end with backend MongoDB database
- Increased overall team productivity and improved teamwork in the web development environment by introducing Git as a distributed version-control tool
- Adopted the use of platforms like Slack, Zeplin, and Clubhouse for intra team communication and project management.

## Projects

### Leonardoreis.com

01/2021

- Built a React web application in JavaScript to present and feature my personal projects, resume and professional accomplishments
- All pages are completely responsive and interactive for fluid user experience

### A\* PathFinder

01/2021

- Created an A\* PathFinder algorithm visualizer fully implemented using Python
- The project focused on developing a visually pleasing representation of how the algorithm works with pygame GUI
- The algorithm dynamically adapts to barriers imposed by the user to find the shortest path between the initial and final nodes input by the user

### <Pick a name for the project>

Ongoing

- FrontEnd built using React and JavaScript
- Secure login/logout feature built using Flask
- Backend created using PostgreSQL
- Tested and deployed using AWS CodePipeline and CodeDeploy; with backend servers hosted on EC2 and S3 object stores

### BRASA Hacks Hackathon

02/2020

- Web application created for a Brazilian Bank. The website created gamification around saving money.
- Uses HTML5/CSS for the frontend and PostgreSQL for the backend
- The frontend was developed using the Bootstrap tool in order to make it more presentable and visually appealing to the user. JavaScript was used in order to create a more responsive and interactive web page.
- The gamification works around placing the users with a similar financial situation in groups where they would compete against other groups on who saves more money. The winners would get rewards from the bank's partners, like Uber, Ifood, etc.

## Education

Bachelor of Applied Science in Electrical Engineering  
University of British Columbia

09/2019 – 05/2024 (Expected)