COLIN **PEREIRA**

Electrical Engineering Student

(236) 866-5799 | **cpereira5799@gmail.com** | **Vancouver, BC**

LINKS

- [Personal Website](#)
- [LinkedIn](#)
- [Github](#)

SKILLS

- ReactJS
- JavaScript / TypeScript
- NodeJS
- Express.js
- HTML / CSS / Sass
- MySQL
- MongoDB
- GraphQL
- Python
- Git
- REST
- C
- Verilog
- Software Systems
- Data Structures
- Algorithms

ACTIVITIES

- **BRASA Hackathon 2021**
  Developed a discord chat-bot in a team of 5 to allow platform users to purchase gaming equipment seamlessly.

  Managed the product database and integrated third party API's to the application.

- **Emirates Toastmasters Club**
  Led a team of 6, as Club President, to ensure membership growth and educational success of existing members while overseeing general club proceedings

WORK EXPERIENCE

Casa e Construção, São Paulo, Brazil   **Aug 2021 - Present**
Full-Stack Software Developer
Skills: ReactJS, TypeScript, NodeJS, Express.js, MySQL, Prisma, Formik, Yup

- Developed a CRUD product management web app to keep track of service requests
- Implemented Microsoft Azure's OAuth for user authentication and validation
- Developed a REST API that implemented an MVC design pattern to handle user requests to the product database
- Implemented a "shopping cart" system to allow users to efficiently place service requests

Building Blocks, Vancouver, Canada   **May—Sept 2021**
Software Developer
Skills: ReactJS, NodeJS, Express.js, MongoDB, Socket.io

- Developed the website's front end from initial design to completion, optimizing all cross-browser and multi-platform compatibility
- Developed UI components based on Figma designs
- Contributed to creating a real-time chat microservice using Socket.io with MongoDB
- Implemented JWT authentication and OAuth for users

EDUCATION

University of British Columbia   **Aug 2019 - May 2024 (Expected)**
Bachelors in Applied Science, Electrical Engineering

Relevant Coursework: CPSC 259 - Data Structures and Algorithms for Electrical Engineers

- Awardee of UBC's International Major Entrance Scholarship (IMES)

TECHNICAL PROJECTS

CryptoChecker   *Jul 2021*
Skills: ReactJS, API

- Created a web app to get real-time information about crypto currencies from a third-party API

theblog   *Aug 2021*
Skills: ReactJS, NodeJS, Express.js, MySQL

- Created a full stack responsive web app where users can CRUD and like posts
- Implemented user authentication using JWT

2czy.com   *Aug 2021*
Skills: ReactJS, Three.js

- Created a portfolio for a designer that featured interactive 3D models