# Mitchell Dennis

mitchell19dennis@gmail.com | (403)-336-3067

GitHub: <https://github.com/OptimicPrime>

## Objective

To become a strong and creative developer within a first-class software company.

I am driven by finding unique ways to solve problems within a development environment. I like to look at projects and find ways to build them creatively. As well as learn something new to improve upon my knowledge. I have primarily focused on the creation of web-applications and blockchain technologies. And have goals of working on an established development team to provide clean and efficient code.

## Education

University of Jamestown | ND | Expected graduation in 05/2022

**Bachelor of Arts**: Computer Science

While majoring in the field of computer science I have learned about object-oriented programming structures and unique ways to solve programs. The priority of programming I have done at school is with **c++,** and **MySQL**. But I have taken an interest to using more web-based languages for newer projects both within in school and outside of it. At school I have worked on projects such as:

* Developing a **Java** based video game (Resembled the game Crossy Road).
* A **c++** driven video game based built in the **c++** powered Unreal Engine.
* Developed multiple websites such as a blog and a personal information styled website.
* I have also finished my senior project. This web-application utilizes the Spotify-API and face-api.js to generate songs, artists, and playlists based on your expressions shown in the webcam. This project was completed using **React, Node.js**, **Axios, Bootstrap, CSS, a**nd **Redux.** The application source code and demo can be found at my GitHub located at the top of my resume.

## Work Experience

**Blockchain Developer** | Camarico Investments ltd. – Remote | 06/2021 – Current

* Sole Developer on a project of creating a Carbon Offset Exchange powered by a private Ethereum blockchain. I worked on developing the blockchain with nodes hosted on raspberry pi’s and ran through **geth** commands. The security tokens were written with **Solidity** and the front end **Dapp** was made with **React, Node.js,** and **Web3.js**. Project not going to be deployed due to implications from the Ukraine/Russian war.
* In development of creating an NFT exchange to tokenize real-world assets. This exchange will be connected to a private Ethereum blockchain with **Solidity** smart contracts and will utilize **Hardhat’s** development tools. For the **Dapp** component it is made utilizing **Next.js, Node.js**, and **Web3.js**
* In process of hard forking Monero’s blockchain
* Developed the entirety of the company site with **React**, **Node.js**, and **CSS** which can be found at [www.camarico.ca](http://www.camarico.ca/)

**Technical Developer-Intern** | Celero Solutions – Calgary | 05/2020 – 08/2020

* Participated in daily meetings with other developers including scrums, and code reviews.
* Migrating **TFS** repositories to **Azure DevOps** through **Git**.
* Upgrading software versions and handling code errors due to upgrades.
* Developed a web application in **ASP.net core** to indicate server status.

## Freelance

• Designed and implemented a website for the North Dakota Sports Hall of Fame in **WordPress**. Found at [www.ndsportshalloffame.com](http://www.ndsportshalloffame.com/)

## Skills

* React
* Node.js
* Next.js
* CSS
* Blockchain