

# Charles Cahill

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Portfolio: <https://charlescahill.dev> (Scan QR)



## EDUCATION

### Florida Polytechnic University, Lakeland, Fl — *Bachelors in Computer Science*

August 2021 - May 2025

Studying Computer Science with a concentration in Software Engineering  
Anticipated graduation May 2025.

## EXPERIENCE

### SOFWERX Computer Science Internship, Tampa, Fl

May 2023 - Present

Full stack development with Next.js and Bootstrap, AWS deployment, headless CMS integration, UI/UX design in Figma, version control using GIT. Fast development and prototyping using open-source repositories.

### Florida Polytechnic University, Lakeland, Fl — *University Registrar Student Worker*

August 2022 - August 2023

Experience with data entry and data analysis. Worked in an office setting, primarily providing service to students and entering student data. Experience in Excel organizing and sorting data.

## PROJECTS

### Full-Stack Mobile Development —

Experience in React Native JavaScript development for Mobile applications. Additional experience with backend development using javascript frameworks such as NodeJS and ExpressJS combined with no-SQL databases.

### Various Static Web Page Design Projects—

Experience in HTML and CSS, designed multiple website front-ends. Some experience with backend, such as REST API projects using NodeJS and Express.

### BasedGPT.chat—

Helped found and develop an uncensored version of chat gpt built on the llama model utilizing PygmalionAI

### XPixels.io—

An AI driven content site built on Next.js and React. The site displays AI generated models and will eventually allow users to generate their own models using stable diffusion

## RELEVANT COURSEWORK

COP3809 - Object Oriented Programming in Java and JavaFX GUI development

COP3337 - Object Oriented Programming in C++

COP2271 - Computational Programming in C

COP3415 - SQL Database Design

COP3415 - Data Structures in C++

COP3353 - Unix and Networking

COP3710 - Mobile Device Applications in Java (Android)

## SKILLS

Programming languages and frameworks: JavaScript, React.js, React Native, Next.js, Express.js, Python, C, C++, Java, Tailwind, Bootstrap, HTML, CSS, GIT

Experience in AWS services including Amplify, CloudFront, S3, EC2, Visual Studio, Open AI, Open-Source Software,

## EXTRACURRICULARS

Eagle Scout

Member of web design startup Viben Technologies ([www.viben.tech](http://www.viben.tech)) focused on web development solutions

Founder, creator, and lead developer of [www.xpixels.io](http://www.xpixels.io) (AI content site)

One of the creators, and lead developers of [www.basedgpt.chat](http://www.basedgpt.chat) (an uncensored chatgpt)