

Experience

Full Stack Developer

May 2022 – Dec 2022

[Cyberdyne Systems]

- Implemented peer-to-peer tip jar payment processing and an animated avatar system, boosting user experience and platform monetization.
- Maintained a full stack online social forum used by thousands of users using PHP, AngularJS, and Flutter, driving increased reliability and user engagement.

Cloud Infrastructure Administrator

May 2021 – Aug 2021

[Acme Corporation], Summer Co-Op

- Automated VM audit process using PowerShell script and VMWare API, resulting in efficient classification and tracking of thousands of VMs.
- Developed web-based interface in JavaScript for drafting and sending emails, improving accuracy of VM usage data and saving company resources.

Systems Engineer

Feb 2015 – May 2019

Roblox, Independent Contractor

- Achieved 7<sup>th</sup> top earning experience with 6,558 peak concurrent users, 12 million visits, and an online community of over 300,000 followers.
- Implemented among first cross-platform user management systems, tracking over 600,000 users across Discord, Roblox, and TeamSpeak 3 for improved engagement and player analytics.
- Developed with a centralized MySQL database, backend systems in PHP and NodeJS, user-facing experiences in Lua, hosted on DigitalOcean with end-to-end security and maximal uptime.

Projects

[Hackathon]

Feb 2023

- Designed monorepo containing server, staff management portal, and UI library with reusable logical components and separated styling from logical code in annual websites using NextJS.
- Maintained tRPC v10 with custom routes and context functions for improved separation of concerns and streamlined database queries.

Capstone Project

May 2022

- Led team using the SCRUM process in the development of a CMS that facilitated an organized event, such as a conference or hackathon.
- Implemented ticket system, schedule of events, user registration, data exports, and a fully-customizable frontend for stakeholders.
- Documented process with detailed writeups and diagrams, including an extensive final report and user guide.

[Club] Website

May 2021

- Designed a new website that utilized [Club]’s latest branding.
- Implemented additional features such as a mailing list, short URL redirects, and an alumni page to keep track of previous club officers.

Education

Bachelor of Science in Computer Science

[State University]

Dec 2022

Magna Cum Laude

3.82 GPA

Club President

2020 – 2022

[Club Name], [Hackathon]

- Organized annual hackathon, led website development, managed club outreach, and taught lessons on programming at weekly meetings.

Skills

JS

JavaScript

Expert

TS

TypeScript

Advanced

JS

Node.js

Advanced

N

Next.js

Advanced

React

Advanced

V

Vue.js

Proficient

A

Angular

Adept

Languages

TypeScript, JavaScript, HTML5, CSS, Sass, Lua, C#, C++, PHP, Bash, PowerShell, Python

Software & Frameworks

Angular, Docker, Electron, Express, Git, GraphQL, HTML, Linux, MongoDB, MySQL, Next.js, NGINX, Node.js, React, tRPC, Turborepo, Vue.js

Tasks & Workflows

Automation, AWS, CI/CD, Cloud Servers, DigitalOcean, Full Stack, Website Design

Professional & Soft Skills

Adaptable, Attention to detail, Collaboration, Creative, Decision-making, Flexible, Innovative, Problem-solving

Honors & Awards

Dean's List

[State University]

2019 – 2022

Honors College Scholar

[State University]

2019 – 2022

4<sup>th</sup> Place - National Finalist

Website Design Competition; City, US

2019

5<sup>th</sup> Place - National Finalist

Website Design Competition; City, US

2018