

Garrett Tvedt

Full Stack Programmer
with three years of
experience working
remotely



gtvedt.com



github.com/tw33t3r

Technical Skills

Programming Languages

JavaScript • TypeScript •
CSS • SCSS • Python •
GoLang • C++ • C • C#
• Java • Haskell
• Solidity

Technologies

NodeJS • Webpack • Yarn
• Puppeteer • Docker •
React • NextJS
• Angular • MySQL
• DynamoDB • Mocha •
Chai • Pandas • ethers.js
• web3.js • Hardhat
• Truffle

Tools

Git • Figma • Vercel • Asana
• Microsoft Azure • AWS
Amplify, S3, Simple Mail
Service, Lambda • Excel
• LaTeX • VSCode

Other Skills

Japanese Fluency (JLPT N2)
Public Speaking
Time Management
Test-Driven Development
Agile Project Management
UI/UX Design

Education

B.S. Computer Science

(Ongoing)
University of Wyoming
Anticipated Graduation:
Spring 2023
Laramie, Wyoming

Work Experience

Rensa Games

Sept 2021 - Oct 2022

Lead Blockchain Engineer/Full Stack, Founding Member
Next.js, DynamoDB, Solidity

- Designed and developed the store back-end solidity smart contracts, which managed real-time, instantaneous payouts to multiple game developers, music producers, and artists.
- Integrated all back-end and database calls in the front-end to seamlessly display blockchain data and interactions seamlessly and elegantly
- Designed, implemented, and hosted the GameJam DAO, a smart contract system that automates hackathon and game jam submission, judging, and payouts for judges and participants.

Cartallos Finance

Dec 2020 - Sept 2021

Smart Contract Engineer/Full Stack, Founding Member
React, Solidity

- Developed smart contracts that emulated the behavior of an index fund for cryptocurrencies, all running on EVM compatible blockchains with live network deployment.
- Published a front-end DAPP to interact with the smart contract back-end to guide users through the process of interacting with the system.

Freelance Developer

May 2019 - Sept 2021

If Available: <https://github.com/tw33t3r> Python, Java, Angular, MySQL

- Created discord bots to gather market data, interact with community members, and assign server roles.
- Built personal portfolio websites for journalists, artists, and musicians to showcase their work to future employers.
- Designed web scrapers to gather data for a realtors water bill, collect chapters of web novels, and generate leads for game publishers.

Additional Portfolio

Web Portfolio - gtvedt.com

Angular, TypeScript, SQL, AWS Lambda

<https://github.com/Tw33t3r/Portfolio>

- Reactive Full Stack Web App using the Angular framework, a serverless AWS Lambda backend, and mySQL.
- Created user flow and implemented each backend item to support Create, Read, Update and Delete on the portfolio section as well as the contact page.

Harmony Consensus-Log-Analysis

GoLang

<https://github.com/Tw33t3r/Consensus-Log-Analysis>

Developed a parser for large 10MB+(about 20k+ lines long) logs from the harmony network's consensus nodes to find opportunities to improve performance in their consensus algorithm. While working for the network the average amount of transactions in a day was about 3 million.

WyoHackathon 2021

Sep 24 - 26, 2021

- Designed a voting system that allows a project to communicate between different blockchain technologies, which earned First Prize in the Wyohackathon Interoperability challenge
- Built an automated merger program for two large organizations running on the Cardano blockchain, which earned First Prize in Cardano's - Marlowe Future challenge.

Further Projects

Further programming projects may be found at: www.gtvedt.com, or on github at: [www.github.com/Tw33t3r](https://github.com/Tw33t3r).