JACOB JANAK

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EXPERIENCE

2018 — **Full-Stack Software Developer,** *Innovations City*
- Worked for this startup in San Diego that provides entrepreneurs with an online platform to connect and pitch ideas. I built the website from the ground up using Node.js, React.js, and MongoDB.

2017 - 2018 — **Software Development Teaching Assistant,** *Trilogy Education*
- Full-stack coding bootcamp on the University of California, San Diego campus. My duties were leading lectures, helping students, and grading assignments. I also worked remotely as a one-on-one tutor. I taught Node.js, React.js, JavaScript, HTML, CSS, MongoDB, and SQL.

PROJECTS

VideaHealth is a Boston-based startup that applies artificial intelligence to x-ray imaging. I worked on a post-processing script to filter the predictions of their neural network as part of a group project in my CS 410 Intro to Software Engineering class. All of our work was done in Python and we used several popular packages like NumPy, Pandas, and TensorFlow.

github.com/jacobjanak/VideaHealth

Solidifi is an Ethereum smart contract and accompanying website. It is a protocol for the first decentralized leveraged token that doesn't suffer from decay. I built this as my final project in my CS 414 Blockchain Technology class. The contract is built with Solidity and the website is made with HTML, CSS, JavaScript, jQuery, and Bootstrap.

jacobjanak.github.io/solidifi (GitHub)

Hippow is an unfinished blockchain and cryptocurrency I entered into the Qubic Labs "Blockchain Showdown" contest in April 2021. I made it to the final round with a chance to win $20,000 in funding. The project was built with HTML, CSS, JavaScript, and a Node.js backend.

hippow.cc (GitHub)

Abra is a strategy game similar to Connect 4 or Tic Tac Toe. It can be played in real-time against anyone in the world or offline against a bot I designed. It was built using web sockets, React.js, Node.js, and Firebase. There is also an Android app I built with Java (not yet available on the Play Store).

abra-online.herokuapp.com (GitHub)

EDUCATION

2019 - 2022 — **Computer Science B.S.,** *University of Massachusetts, Boston*
- 3.6 GPA. Took elective computer science courses in Blockchain Technology, Artificial Intelligence, and Mobile Applications.

2017 — **Coding Bootcamp,** *The Tech Academy*
- Learned full-stack software development at this bootcamp that teaches Python, C#, .NET, SQL, HTML, CSS, JavaScript, and Agile Project Management.