

# JACOB JANAK

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## EXPERIENCE

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- 2018**      **Full Stack Developer, *Innovations City***
- San Diego startup that provides entrepreneurs with an online platform to connect and pitch ideas. I was in charge of building the website from the ground up using Node.js, React.js, and MongoDB. Used Amazon Web Services for hosting.
- 2017 - 2018**      **Software Development Teaching Assistant, *Trilogy Education***
- Full-stack coding bootcamp at the University of California, San Diego. My duties included leading lectures, helping students, and grading assignments. I also worked remotely as a one-on-one tutor. I taught 100+ students in Node.js, React.js, JavaScript, jQuery, AJAX, RESTful APIs, HTML, CSS, MongoDB, and SQL.
- 2016**      **Field Manager, *Environment Oregon***
- Collected donations for this nonprofit organization. Made commission, similar to a sales job. Promoted from “Canvasser” to “Field Manager” after two months. Led a team of five employees by assigning daily tasks and providing training.

## PROJECTS

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**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. Our work was done in Python and C++.

[github.com/jacobjanak/VideaHealth](https://github.com/jacobjanak/VideaHealth)

**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.

[hippow.cc](https://hippow.cc) (GitHub)

**Solidifi** is an Ethereum smart contract and website I built in my CS 414 Blockchain Technology class. The contract was built with Solidity and is currently deployed on Ethereum’s Rinkeby test network.

[jacobjanak.github.io/solidifi](https://jacobjanak.github.io/solidifi) (GitHub)

**Abra** is a strategy game that 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](https://abra-online.herokuapp.com) (GitHub)

## EDUCATION

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- 2019 - 2022**      **Computer Science B.S., *University of Massachusetts, Boston***
- 3.53 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 C#, .NET, Python, SQL, HTML, CSS, JavaScript, and Agile Project Management.