



# Dan Kazenoff

San Francisco, CA | dkazenoff@gmail.com

dkazenoff.github.io | github.com/dkazenoff | linkedin.com/in/dankazenoff

## Skills

**Languages:** Neo4j, JavaScript (Advanced), Python, Solidity, React.js, TypeScript (Intermediate), C++ (basic)

**Tools:** Node.js, Express.js, Truffle, Ganache, Web3, AWS, Mongo, MySQL, Git, Unix / Windows, Jira, Docker

**Core:** Agile Development, Technical Leadership, Project Management, Entrepreneurship

## Experience

**Decentralized Consensus Fellow, Insight Fellows, San Francisco CA** May 2020 - Present

- Engineered decentralized platform for borrowers to seek collateral-free loans built on DeFi Solidity contracts
- Programmed Solidity contracts with Provable oracle to pass RSA-encrypted credentials to KYC verifiers
- Created an interface with React.js and Web3 for streamlined marketplace for lenders and borrowers

**Undergraduate Blockchain Researcher, Rensselaer Polytechnic Institute, Troy NY** Sept. 2019 - Present

- Developed full stack application to convert blockchain transactions to queryable graph on Neo4j to streamline process for identifying suspicious cryptographic addresses for fraud analysis
- Created React.js interface with hooks into a Node / Express backend server to convert user-inputted wallet addresses to a directed graph, hosted on an AWS instance
- Detected fraudulent addresses with 100% accuracy on preliminary datasets

**Co-Founder, Harbor Apps, LLC, Troy NY ([harborapp.io](http://harborapp.io))** Dec 2016 – May 2020

- Founded mobile social networking platform centered on compatible group matching to help RPI students find friends, creating a community of 100+ users
- Designed matching algorithms using Neo4j's Cypher QL with a Node + Express RESTful API hosted on AWS to facilitate interactions between users
- Amplified business vision of product by running events and marketing, resulting in grants from RPI's business accelerator, and an interview at Y-Combinator

**Founder and President, Rensselaer Drone Club, Troy NY ([rpidrone.club](http://rpidrone.club))** Sept. 2017 - May 2020

- Founded Rensselaer's UAV organization with activities focused on drone construction and racing
- Coordinated and managed club operations and outreach events. Led efforts to fundraise \$4k from RPI
- Secured club spots at 2018, 2019 national collegiate racing championships

## Projects

**Settlers of Catan AI** | [github.com/dkazenoff/ai-catan](https://github.com/dkazenoff/ai-catan) Aug. 2019

- Built an AI to play Catan against a human player using a combination of rule-based and ML strategies
- Used Python, Pandas and NumPy to generate regression on game datasets, converted to turn outputs

**Off-Campus Subletting Platform** | [github.com/dkazenoff/dmap](https://github.com/dkazenoff/dmap) Dec. 2019

- Created platform for RPI students to find other students to lease from or sublet to during away-semesters
- Designed and documented platform's framework which utilized Python, Django, MongoDB, and Bootstrap

## Education

**Rensselaer Polytechnic Institute, Troy, NY** May 2020  
**B.S. Mechanical Engineering, Minors in Computer Science, Economics**

**Harvard University Extension School, Cambridge, MA** Aug. 2014