

Ravi Jotwani

rjotwani@berkeley.edu
(925) 336-6778
2233 Dwight Way
Berkeley, CA 94704

University of California, Berkeley
Computer Science, Bachelor's
Class of 2021, GPA: 3.90

ravijotwani.io
linkedin.com/in/ravijotwani
github.com/rjotwani

Honors & Awards

- ConsenSys MBA Venture Competition Winner
- Frontier Innovation Awards Top Technical Award
- National Merit Scholar

SKILLS

Languages

- Python
- Java
- JavaScript
- Solidity
- SQL
- Swift
- Lisp
- Objective-C

Technologies

- React
- iOS
- Android
- LaTeX / Markdown
- HTML / CSS
- Flask / RESTful APIs
- Optimization - TSP & VRP
- NumPy / Pandas / TensorFlow

Tools

- Photoshop
- Illustrator
- InDesign
- After Effects
- Logic Pro
- Sketch
- Blender
- Git

EXPERIENCE

SpaceX spacex.com

Blockchain Intern – Hawthorne, CA

May 2018 - August 2018

- Created three blockchain POCs that reduced cost of supply chain processes and increased operational efficiency
- Interviewed 100+ people in order to determine sources of inefficiency and proposed multiple potential solutions
- Delivered multiple blockchain-related educational presentations to the SpaceX Supply Chain Technology team
- Optimized supply chain routing (VRP) and automated inspection scheduling based on custom email parser data

Blockchain at Berkeley blockchain.berkeley.edu

Technical Consultant & Software Developer – Berkeley, CA

September 2017 - Present

- Led a 10-person team of developers, marketers, and content creators to design and roll out educational programs
- Established a relationship with IBM & other companies to partner on initiatives spanning education and consulting
- Contributed to an Educational Consulting initiative in partnership with the U.S. Dept. of Commerce & the World Bank
- Led a 4-person team of software developers for a blockchain consulting project with BMW & another one with Ford

d.rect drect.ly

Advisor – Berkeley, CA

February 2018 - Present

- Created a proof of concept for the ConsenSys MBA Venture Competition and won among teams from elite schools
- Won top technical award at the Frontier Innovation Awards hosted by Bee Partners after undergoing much training
- Ranked as one of the GSMA Top 100 telecom projects, we are currently working on MVP and seeking investment

i2Chain i2chain.net

Strategic Consultant – Berkeley, CA

July 2018 - Present

- Conceptualized and designed product architecture in conjunction with novel public/private consensus mechanism
- Developed prototype focused on securing both user information and identity through a blockchain-based platform

PROJECTS

KissAnime Batch Downloader *Python – Requests, Cloudflare-Scrape, BeautifulSoup, Selenium*

- Wrote a Python script to download anime shows from the KissAnime streaming platform and bypass advertisements
- The user inputs a show URL and range of episodes, then the script scrapes the KissAnime website (its DDoS/Bot protection is bypassed by the Cloudflare-Scrape library) for the direct server URLs where video files are hosted
- Pings the server directly rather than the KissAnime website and downloads the video response to the user's device

Radus, An Optimized Crowdsale Model *Solidity, React.js*

- Used Solidity smart contracts and token interfaces to deploy an ERC223-compliant token onto the Rinkeby network, thereby encouraging sustainable crowdsale practices and a healthy investor environment for blockchain projects
- Analyzed the game theory behind the Gnosis Reverse Dutch Auction ICO deployment strategy and executed it more responsibly by phasing out the main auction and only allowing institutional investors to set the initial market price

Venü (Ethereal Hackathon 2017) *Solidity, React.js*

- Conceptualized, designed, and built a blockchain-enabled algorithm that matches local fans and music artists to promote ease of planning and accessibility to live events by incentivizing artists to coordinate directly with fans
- Used a Reverse Dutch Auction mechanism to ensure that all fans pay the absolute least amount for concert tickets while maintaining a minimum revenue cap set by the artist – placed in the top 8 teams at the Ethereum hackathon

DropMail (HSHacks 2014) *JavaScript, IMAP Routing, Quote Parsing, Lazy Evaluation, Virtual Scrolling*

- Email client that emerged from a hackathon project in high school, was developed much further in the coming years
- Received project funding from the Thiel Foundation and partnered with a couple of other Silicon Valley companies