Nishan D'Souza

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Education

University of California Berkeley, Computer Science Major   Class of 2022
Computer Science Major
- **Cumulative GPA**: 3.82
- **Coursework**: Databases, Security, Algorithms, Artificial Intelligence, Internet Architecture, Blockchain Fundamentals (CS198), Data Structures, Computer Architecture, Discrete Math and Probability, Introduction to EE
- **Organizations**: Blockchain at Berkeley, Berkeley Blockchain Xcelerator, Alpha Iota Omicron

Experience

Coinbase   San Francisco, CA
Software Engineer Intern, Coinbase Analytics   *May 2020 - Present*
- Worked cross-functionally to improve crawler coverage of Ethereum ecosystem for analytics platform
- Integrated new data sources with Ruby libraries, **increasing address coverage/tagging by 30%**
- Laid out roadmap and technical framework to make future data source additions more streamlined
- Landed improvements to backend ingestor pipeline in Golang, including safer retrieval of sensitive data

Berkeley Blockchain Xcelerator   Berkeley, CA
Accelerator Director   *May 2020 - Present*
- **Advising 40+ seed startups**, with over 50% having gone on to raise additional funding ($10M+)
- **Leading accelerator growth and strategy**, overseeing fundraising, programming, marketing teams
- Raising $150k to fund accelerator, managing partnerships with VCs, organizing demo day

Fellow   *January 2020 - May 2020*
- Interviewed and selected companies for Spring 2020 Batch, **performing tech reviews** along the way
- Connecting companies to the venture ecosystem and assisting with product development and growth

Blockchain at Berkeley   Berkeley, CA
Head of Finance, Developer Consultant   *September 2019 - Present*
- **Researching systems scalability** for WAVE Authorization Framework (with Prof. Popa)
- Consultant building software for companies; currently **developing payments channel** for **Microsoft**
- Developing B@BCoin, a crypto token and surrounding membership platform deployed internally
- Organizing whitepaper circle discussions - my presentations on Filecoin and Sharding also published

LookingBus   Palo Alto, CA
Software Engineering Intern   *May 2019 - Aug 2019*
- Architected bus CAD (Computer-Aided Dispatch) system in JavaScript that serves 25k monthly trips
- **Proposed project** to **streamline service tracking** with web portals, 10k+ daily requests

Project Highlights

- **DroneVR — 360 degree Drone Camera with Google Cardboard**: Wrote JavaScript API controller backend
- **Disco — iOS app for Live Collaborative Spotify Playlists**: Wrote Node.js API backend for playlist requests
- **Endless Hiker — Procedurally Generated Artificial Worlds**: Using LWJGL (Java Graphics Library)

Skills

- **Languages**: Python, Java, GoLang, JavaScript, Ruby, SQL, Solidity, C, R
- **Frameworks**: MERN Stack, Flask, Rails, MySQL, Cadence, Ethereum, Cosmos, Docker, GCP, Azure
- **Areas of Interest**: Fintech/Decentralized Finance, Blockchain, Distributed Systems, Security