Boyuan Deng

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EDUCATION

University of California, Berkeley Aug. 2020 – May 2023

Electrical Engineering and Computer Science B.S. - GPA: 3.5 *Berkeley, CA*

VENTURE CAPITAL

Miracle Plus (YC China) | **Venture Fellow** March 2022 – June 2022

- Sourcing Gamefi projects around the bay area by attending conferences and building relationships with founders
- Participated in the process of funding discussions and conduct extensive background checks
- Built relationship with UC Berkeley innovation hubs and incubator around Berkeley

Uphonest Capital | **Venture Scout** Jan 2022 – March 2022

- Served as a contact point to enhance communication with talents within berkeley entrepreneur communities
- Actively seeking talented founders around Bay area to source potential investment oppoturnities
- Organize keynote events to add visibility to Uphonest brand and raise awareness

TECHNICAL EXPERIENCE

Insider | **Founding Engineer** Dec 2021 – Feb 2022

Web3 Gamefi Analytics Platform *Berkeley, CA*

- Extracted on-chain data to create a return-of-investment ranking board for the axie infinity project
- Built a simple indexing system for rohin bridge to extract transaction information about a specific block
- Developed a dashboard to display graphical insights about a wallet's interaction with supported gamefi projects
- Tech Stack: Web3.js, Ether.js, Alchemy, Python, Javascript, AWS EC2

Aqueduct (Redpoint Ventures Porfolio) | **Software Engineer Intern** Feb 2022 – Aug 2022

Open-source workflow management platform for data engineering pipelines *San Francisco, CA*

- Led the user-feedback project that resolve fifteen critical bugs that are deteriorating user experience
- Expand the workflow engine to process non-tabular data such as json, numeric, and other python-pickable objects
- Utilized RESTful API to build communication routes between UI and server; developed the pattern of constructing and parsing http request to improve code maintainability
- Implemented a notification system for user to monitor workflow execution status; enabled user to customize metrics to trigger various types of signal
- Tech Stack: Go, Python, React, Typescript, REST API, Next.js, MUI, AWS EC2, AWS S3, Kubernetes

Avalanche | **Software Engineer Intern** Sep. 2021 – Dec. 2021

ML model training acceleration and deployment tool *San Francisco, CA*

- With the team, designed and developed the storage level to store and extract language model using AWS S3
- Built cache system to store useful metadata in previous training set to boost performance in the future training
- Created a user demo to showcase hAIsten reduces training time by five times on a language model training task
- Tech Stack: Python, React, C++, Tensorflow, Pytorch, AWS EC2, kubernetes

Applient | **Full-Stack Engineer** Jun 2021 – Aug 2021

Job Application Autofilling Tool *Berkeley, CA*

- Developed a Chrome extension using JQuery & Bootstrap to fill online job application in one click
- Implemented a web scraper using Python BS4 and HTTPX to collect related information from job-listing websites
- Built and hosted the user portal with AWS EC2; stored user data using Chrome storage API and AWS S3

TECHNICAL SKILLS

Languages: Python, Go, JavaScript, SQL, HTML/CSS, Java, C++
Tools: AWS EC2 & S3, React, Node.js, Docker, Kubernetes, Flask, JUnit, Material-UI, jQuery, Typescript, REST API