

Atharv Agashe

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EDUCATION

Dartmouth College, Hanover, NH

Expected: June 2025

B.A. Computer Science, GPA: 3.44

COURSES

Algorithms • Discrete Math • Advanced Solidity and Smart Contract Development • Object Oriented Programming • Python Data Structures • Capstone: Retrieving, Processing, and Visualizing Data with Python • Python to Access Web Data • Using Databases with Python • Programming and Computation • Differential Equations • Multivariable Calc w/ Linear Algebra

EXPERIENCE

Dartmouth Blockchain

January 2022 – Present

Co-founder

- Co-founded [Dartmouth Blockchain](#), to build a blockchain competent community at Dartmouth. Grew enrollment to **20+ members** in 1 quarter by building the website, running the marketing campaign, and reaching out to **500+ students**. Received **50+ applications**, and onboarded **20+ members** after the interview process.
- Designed Autonomia Protocol, which allows for permissionless and universal tokenization of future income. Co-authored the **10 page white-paper**. Got feedback from **10+ Venture Capital Firms** to iterate the design, and am currently working on our first prototype.
- Authored 2, co-authored 3, edited **10 research articles** analyzing the current breakthroughs and trends in Web 3.0. These articles are published on [Medium](#).

Norris Cotton Cancer Center

January 2022 – Present

Research Assistant

- Enabled the team to measure treatment effectiveness for end-of-life care by designing and building an fMRI program recorded patients reactions to a range of video stimuli (**Python, PsychoPy**).
- Reduced cost** to replicate the experiment by **97%** by building a web app that displays the video stimuli and records survey responses without the fMRI data to **raise accessibility (HTML, CSS, JS)**.

Paravane Ventures

June 2021 – Present

Software Engineering Intern

- Programmed a decentralized finance (DEFI) application screener to track and analyze top blockchain DEFI projects across the Ethereum and Binance SmartChain ecosystems, with filtering on users, volume, & total value locked (**Python, MySQL, Selenium**).
- Identified an arbitrage opportunity between DEFI exchanges, mathematically modeled the ideal position sizing, and worked with the trading desk to **generate a 28% immediate ROI**. **Pitched Chief Investment Officer to expand on this and got capital allocated to execute my crypto trading strategy**.
- Wrote a script to track prices across centralized and DEFI exchanges to find arbitrage opportunities. Built a Discord bot to alert our trading desk and recommend a position size. **My strategy has generated 327% ROI to date**.

AlbanyHacks Hackathon

October 2019 – August 2021

Co-founder

- Co-founded the first [Albany-wide hackathon](#) to jumpstart a local entrepreneurial community. Had 70+ participants, over half of which were first-timers. **Recruited and trained a team** to ensure longevity.
- Raised \$5,000+ in funding** and managed social media & marketing operations to build hype before the event. Ran "Intro to Web Design" and "Intro to Arduino" workshops, providing beginners with the tools to build their first projects.

SKILLS

Web Development: Frontend (HTML, CSS, JS), Backend (Python, Java, MySQL), Libraries/Tools (ReactJS, TailwindCSS, Selenium, Git, Beautiful Soup, OpenCV, Pandas)

Public Speaking: Pitched at business plan competitions and hackathons in front of audiences of 150+ people; **3x National winner in the National Storytelling Competition**.

Hobbies: Standup Comedy, Archery, Chess (2100), Poker, Karate (Black Belt), Playing Clarinet & Guitar