Atharv Agashe

✉ atharv.v.agashe.25@dartmouth.edu   📱 (518) 268-0708   ⬤ github.com/atharvagashe

E D U C A T I O N

Dartmouth College, Hanover, NH   Expected: June 2025
B.A. Computer Science, GPA: 3.44

C O U R S E S

Problem Solving via Object Oriented Programming • Python Data Structures • Capstone: Retrieving, Processing, and Visualizing Data with Python • Using Python to Access Web Data • Using Databases with Python • Introduction to Programming and Computation • Differential Equations • Multivariable Calc w/ Linear Algebra

E X P E R I E N C E

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.

- **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.

- **Recruited and trained a team** to ensure longevity.

Mohawk Hudson Humane Society
September 2018 – June 2021
Social Media and Marketing Intern

- Surveyed foot traffic to the shelter to analyze existing marketing strategy. Revamped social media to focus on highlighting personality traits and forming bonds virtually, rather than emphasizing sad stories on instagram.

- **Increased post views:in-store visits ratio by 41% and reduced euthanasia rates by nearly 60%.**

Smart Lock Enterprises
January 2018 – September 2020
Co-founder and CEO

- Researched 7+ competitors, spoke with over 2 dozen existing users to find their flaws, and found that >50% were looking for a cheaper, automated security system.

- **Raised $3000 in equity-free cash** from business plan competitions and hackathons by pitching VCs and judges. **Won 'Most Innovative'** award at MA Hacks.

- Addressed this market gap by building an ML-based face recognition lock (using openCV, Python, and pandas). Led team of 3 developers to build and release prototype that worked consistently with <3 training images.

S K I L L S

Web Development: Frontend (HTML, CSS, JS), Backend (Python, Java, MySQL), Libraries/Tools (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