Siddarth Arvind

(508) 848-9029 | sarvind@umass.edu

EDUCATION

University of Massachusetts Amherst Amherst, MA
School of Social and Behavioral Sciences, College of Information and Computer Sciences
Bachelor of Arts in Economics *Candidate, May 2026*
- Additional Major in Informatics
- Minor in Mathematics, Computer Science
- Relevant Coursework *taken*: Multivariable Calculus, Differential Equations, Statistics I, Reasoning under Uncertainty with Statistics, Discrete Mathematics, Data Structures in Python, Data Structures in Java, Computer Systems Principles, Database Management, Money and Banking
- Relevant Coursework *currently taking*: Human Computer Interaction, Intro to Data Analysis with R, Intro to Math of Finance, Econometrics (STATA), Linear Algebra

Ashland High School Ashland, MA
- GPA 3.5/4.0
- AP Scholar with Distinction
- President of DECA, Vice President of Model UN and Makerspace, Treasurer of Chess Club

EXPERIENCE

Model UN Ashland, MA
Trip Organizer, Vice President *June 2019 – March 2022*
- Create meetings about geopolitical topics each week, direct meetings/committees.
- Work with other conferences, our own high school, and other businesses for club-related events, trips, and conferences.
- Worked with my community to fundraise $5K+ towards different Model UN events.

DECA Ashland, MA
President *October 2019 – March 2021*
- Worked with school faculty and administration to create the club and raise funds for future trips.
- Taught students with the Vice President about the different aspects of financial and business management landscapes.

UIBC Amherst, MA
Member *October-November 2023*
- Spent six weeks learning about the financial workings of a typical investment banking analyst
- Studied topics such as accounting, networking, valuation, enterprise and equity value, and the typical behavioral interview

PROJECTS

Travel Agency Database
- Created a database and customer interface in PSQL and Python mirroring a small travel agency.
- Made using Python psycopg2 library and a PostgresQL environment.
- Embedded security measures aimed against injection attacks.

Apple Stock Predictor
- Using machine learning concepts to predict movement of Apple's stock over different horizona.
- Used Python pandas, scikit, yfinance, and numpy to observe and visualize Apple stock data in Jupyter Lab.

SKILLS

Computer: Python, Pandas, yfinance, R, Stata, SQL, Java, C, Visual Studio Code, Microsoft Excel, PowerPoint, Object-Oriented Programming, RStudio, PostgresQL, JupyterLab
Language: Working proficiency in French, Hindi, Kannada
Interests: Music, History, Cooking, Aviation, Hiking