AADITHYA SRINIVASAN

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EDUCATION

University of Pennsylvania   **August 2024 - May 2027**
Bachelor's, Computer Science   *GPA: 4*
- Courses: Big Data Analytics, Intro to HCI, Programming Languages and Techniques, Python Programming

University of Pennsylvania   **August 2024 - May 2027**
Bachelor's, Mathematics   *GPA: 4*
- Courses: Calculus I, Calculus II, Intro to Statistics, Mathematical Foundations of Computer Science

HONORS/AWARDS

36/36 ACT, National Merit Finalist, 2x ACSL Finalist, 2x AIME Qualifier (AMC12: 126, AIME: 8), 100.29/100 HS GPA

PROFESSIONAL EXPERIENCE

IvyRise College Consulting   **Edison, NJ, USA**
Co-Founder   *June 2024 - Present*
- Provided college consulting solutions to 50+ high school students across the Tri-State Area
- Used personalized strategies to assist with college essays, interview preparation, and building tailored college lists
- Leveraged AI/ML for data analysis and forecasting, helping students identify optimal colleges based on admissions trends and personalized success metrics.

EcoHarmony   **Edison, NJ, USA**
Co-Founder   *May 2021 - Present*
- Co-founded EcoHarmony, an environmental science/machine learning based initiative seeking to increase awareness of environmental problems and tackle their roots
- Helped track and log over 18,500 lbs worth of recycling across 5 chapters with 150+ members.

Aristotle Inc   **Remote**
Software Development Intern   *June 2023 - September 2023*
- Learned Agile Project Management, designed generative-adversarial neural networks to create theoretical client personas
- Web dev + AI backend using APIs in TSX, Python, Java, HTML/CSS

New Jersey Institute of Technology   **Newark, NJ, USA**
Student Research Intern   *June 2023 - August 2023*
- Interned under Dr Yelda Semizer through HSSRI Program
- Utilized Python environments/libraries Tensorflow, sci-kit learn, PyTorch, and PsychoPy.

PROJECTS & OUTSIDE EXPERIENCE

Stock Price Prediction Using Machine Learning Models - *Link to project*   *August 2024 - Present*
- Implemented and compared machine learning and neural network models, trained on Apple Stock Data to predict future prices.

Personal Website - *Link to project*   *August 2024 - Present*
- Coded and launched personal website using HTML, CSS, ReactJS.

PokerBot - *Link to project*   *August 2024 - September 2024*
- Created an amateur PokerBot (with options to call, raise, fold) in Python using keras and reinforcement learning; data visualizing and analysis using numpy.

SKILLS

Skills: Python, Pandas, NumPy, Tensorflow, Java, Web Development, HTML/CSS, MySQL, JavaScript, Business Analytics, Git, SEO, Excel/Numbers/Sheets, Quantitative Analysis