

# 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, Calculus I, Calculus II, Intro to Statistics, Mathematical Foundations of Computer Science
- Double Major in Math, Minor in Statistics and Data 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 ([asrinivasan75.github.io](https://asrinivasan75.github.io)) - [Link to project](#)

August 2024 - Present

- Coded and launched personal portfolio 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.

### Dynamic Resume Builder ([asrinivasan75.github.io/dynamic-resume-builder](https://asrinivasan75.github.io/dynamic-resume-builder)) - [Link to project](#)

December 2024 - Present

- Created a web application that allows users to create professional resumes quickly
- Designed using HTML, CSS, JS, and the jsPDF library

## SKILLS

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