Pranaav Iyer

Computer Science Major with Math and Business Minors

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About me

I'm a motivated developer and student who derives immense satisfaction from the art of simplifying intricate code into user-friendly solutions. My work is fueled by a deep-seated passion for innovation and an unrelenting commitment to tackling complex problems head-on. I am curious about a variety of topics ranging from AI and Trading Bots all the way to OCR and Speech Classification.

Relevant Classes

Data Structures, Java 1/2, Intro to C, Discrete Math, Calc 1/2, Linear Algebra, Computer Architecture, Statistical Methods, Computer in Business (Excel Training)

Experience

@May 1, 2022 → August 1, 2022

Machine Learning Intern

Avyay Solutions

- Analyzed data sets that companies gave of products with the Pandas library, and created a visualization using machine learning algorithms (Random Forest Model, pandas, plotly, seaborn)

- Conducted independent research and wrote a whitepaper for image learning for backend engineers and new additions to the company

- Used hours of research and recruited the help of google engineers and specialists in the AI field to solve problem for customer

- Created a coding tutorial for beginners looking to learn Image AI (OCR), used in presentations and development of the KAI product

- Used image learning to scan labels and output the information into a model

@May 1, 2019 →
August 1, 2020

Documentation Intern

Krypt, Inc.

- Helped write technical specifications and documentation for their AI product

- Learned about Global Trade, Harmonized Classification

- Helped with presentation advertising to potential customers

- Reviewed and updated technical documentations for the AI and Machine Learning product

- Independently researched on SQL and React software to strengthen product marketability

Education

@August 14, 2021

Purdue University

Public University in Indiana

@August 14, 2017
→ June 1, 2021

Valley Christian High School

Private School in San Jose

Skills

Skills

Aa Name	⏱ Created	# Percent
<u>AI/Machine Learning</u>	@October 14, 2023 4:59 PM	70
<u>HTML/CSS/Tailwind</u>	@October 14, 2023 4:59 PM	40
<u>Python</u>	@October 14, 2023 4:59 PM	60
<u>React</u>	@October 14, 2023 4:59 PM	50
<u>SQL</u>	@October 14, 2023 4:59 PM	30
<u>Docker</u>	@October 14, 2023 4:59 PM	40
<u>OCR</u>	@October 14, 2023 4:59 PM	65
<u>Java, C</u>	@October 14, 2023 4:59 PM	80
<u>Spanish/Tamil</u>	@October 14, 2023 4:59 PM	60

Projects

Projects

Aa Name	👤 Client	⏱ Created	☰ Task	📅 Year
🤖 <u>AI Trading Bot</u>	Personal	@October 14, 2023 4:59 PM	Trading Bot	2021
✅ <u>PyTorch Voice Recognition Software</u>	Personal	@October 14, 2023 4:59 PM	Personal Project	2023

Hobbies and Interests

Hobbies

Aa Name	⏱ Created	☰ Tags
🏔 <u>Travel</u>	@October 14, 2023 4:59 PM	

Aa Name	🕐 Created	☰ Tags
📈 <u>Trading</u>	@October 14, 2023 4:59 PM	
🧗 <u>Bouldering</u>	@October 14, 2023 4:59 PM	
🎨 <u>Drawing</u>	@October 14, 2023 4:59 PM	
📸 <u>Photography</u>	@October 14, 2023 4:59 PM	
📚 <u>Reading</u>	@October 14, 2023 4:59 PM	