

PRANAV BELLIGUNDU

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2028

Bachelor of Science, Statistics and Data Science + Mathematics Double Major

Entrepreneurship Minor (McCombs School of Business) and Elements of Computing Certificate

EXPERIENCE

Awareeye (Los Altos, CA) – *Machine Learning Intern | Image Processing, LLM, OCR*

June 2024 - August 2024

- Developed a Python application capable of accurately identifying license plate numbers from live, blurry video footage in real-time
- Implemented preprocessing pipeline to enhance OCR accuracy. Reduced detection times from ~8 seconds to ~5 seconds
- Designed algorithm to rank license plates numbers simultaneously based on frequency of occurrence by Levenshtein distance

Stanford Medicine (Palo Alto, Ca) – *Research Intern & TA*

May 2022 - January 2024

- Engineered datasets from 23 osteoarthritis, 20 healthy, and 33 rheumatoid-arthritis patients, 13 genes linked to osteoarthritis
- Led a team of two research interns to develop optimal workflow for single-cell RNA sequencing to produce accurate graphs
- Analyzed research papers and extracted valuable models such as t-SNE, SVA, and UMAP, successfully implementing them in R

Tactyle.io (Cupertino, CA) – *Finance & Marketing Intern*

June 2022 - August 2024

- Collaborated with product team to conduct SWOT analysis across 30 competitors in tech/AI/ML/Blockchain industry
- Strategized online media coverage through Instagram and ads to increase customer engagement by 15% and improved website

PROJECTS

VitaRize – *Fullstack Engineer*

July 2023 - August 2023

- Engineered application for visually impaired that summarizes research papers and articles with text-to-speech
- Tech Stack: Python, Open AI, Googletrans

Entrepreneurs Corner – *Fullstack Engineer | ML Engineer*

June 2023 - June 2024

- Built a business application featuring investor-founder matching and advanced modeling for insightful investment decisions
- Tech Stack: Streamlit, Python, Sci-Kit Learn (ML), Numpy, Pandas, Matplotlib

Calory – *Fullstack Engineer*

June 2023 - June 2023

- Developed a web application for tracking daily caloric intake, nutritional information, exercise suggestions, and diet balancing
- Tech Stack: CSS/HTML, Node.js, Firebase

VolunteerHub – *Fullstack Engineer*

April 2023 - April 2024

- Built a platform to connect students with volunteer orgs, simplified process of finding opportunities for service
- Tech Stack: Built with React and Firebase

LEADERSHIP & ACTIVITIES

Boy Scouts (Los Altos, CA) – *Eagle Scout*

March 2014 - June 2024

- Served over 2 years on leadership team, organized, planned and executed camp-outs and weekly troop meetings & activities
- Fundraised and raised over \$1500 to build Lamp Stands for SKV Temple, San Jose for my Eagle Project: completed in 160 hours
- Led a team of 10 scouts in project planning, task delegation, design sessions, safety briefings, and beneficiary communications

Project Empower (Cupertino, CA) – *Director of Backend Engineering*

January 2024 - August 2024

- Recruited 60+ members into chapter. Hosted meetings, delegated tasks, and organized social events to foster engagement
- Mentored a team of 5 students to design and build a backend framework for an application that generates study material

HONORS

- 1st Place at BridgeHacks @ Cisco, Upstate Hacks, Elev8 Hacks, Cupertino Hacks (2024)
- New York Upstate Hacks 2023: Placed 1st, won \$375 in prizes and Wolfram Award (2024)
- National Merit Commended Scholar, NMSQT (2023)

ADDITIONAL INFORMATION

Technical Skills: Java, Python, R, C++, HTML/CSS, JS, Swift, SQL, OOP, ML, Pandas, Flask, Streamlit, NodeJS, Bootstrap, Numpy

Languages: English (Fluent), French (Intermediate), Kannada (Native), Hindi (Basic Knowledge)

Interests: Sports, Volleyball, Soccer, Running, Music (Rap, R&B, Jazz), Thrifting/Fashion, Cars, Karting, F1, Cooking, Reading