Brandon Lee

Data Analyst

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SUMMARY

Emerging data scientist and aspiring software engineer with a strong foundation in data science and computer science. Currently pursuing a B.S. in Data Science at San Jose State University, I have hands-on experience in Python, C++, and Java. Through roles as a Data Science Intern and Teaching Assistant, I have honed my skills in handling large datasets, developing algorithms, and mentoring students. Passionate about bridging academic knowledge with real-world applications, I am committed to further advancing my technical expertise and contributing to meaningful projects in a collaborative environment.

WORK EXPERIENCE

Data Scientist Intern, UBX World, Toronto, Canada   Aug 2024 - Oct 2024
- Worked on multi-gigabyte datasets regarding with badminton to help create a new and improved rating system
- Leveraged Python to work on said datasets regarding with badminton tournaments
- Utilized a MST to create a adjacency matrix to show the shared players between each tournament

Front Desk, Synergy Badminton Academy, Fremont, United States   Aug 2022 - Present
- Strung over 500 badminton rackets
- Utilized Google Sheets to analyze string purchase data, optimizing inventory management resulting in 20% efficiency increase
- Maintained detailed logs of stringing orders from both online and in-person transactions.
- Check in customers and help

EDUCATION

San Jose State University, San Jose, United States - *B.S., Data Science - GPA: GPA: 3.2/4.0*   Aug 2023 - Present
Relevant Courses: Processing Big Data, Data Structures, Linear Algebra, Intro to AI

De Anza College, Cupertino, United States - *A.A.S, Computer Science - GPA: GPA: 3.5/4.0*   Sept 2020 - June 2023
Relevant Courses: Data Structures, Calculus A/B/C, Java, C++, Physics A/B

PROJECTS

Github Portfolio,
- Developed initially for the CS131 Big Data Processing class.
- Continuously updated with class projects and assignments to demonstrate expertise and progress in data science.

SKILLS

Programming Languages: Python, Java, C++
Machine Learning Libraries: PyTorch
Data Analysis Tools: SQL, Pandas, NumPy, Data Sanitization
Operating Systems: Linux, Windows, MacOS
Other: Linear Algebra, Statistics

VOLUNTEERING

Badminton Head Coach, Mission San Jose High School, Fremont, CA
- Managed high school Varsity and JV badminton team, including top junior national players. Won NCS 2023 and NCS 2024, coached players winning Men's doubles and Mixed Doubles at CIF.

Match Control, Synergy Badminton Academy, Fremont, CA
- Administrated the 2024 YONEX SYNERGY NORCAL OPEN REGIONAL CHAMPIONSHIPS
- Ensured accurate score reporting, court assignment, and match triaging to keep tournament running on-time
- Updated the draws on TournamentSoftware to enable forecasting of future matches