

SREE PASUMARTHI

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EDUCATION

Darla Moore School of Business, University of South Carolina

Expected Graduation: May 2024

Bachelor of Science, Business Administration

Majors: Economics, Finance, Operations and Supply Chain Management | **Minor:** Computer Science

- **Relevant Coursework:** Econometrics, Data Analytics for Business, Discrete Math, Algorithmic Design, Investment Analysis Portfolio, Case Studies in Corporate Finance, Micro & Macroeconomic theory
- **Certifications:** Python for Data Science & Machine Learning, SQL for Data Analysis, Quantitative Finance in Python

WORK EXPERIENCE

Bank of America

Charlotte, NC USA

Software Engineering Intern - Application Production Services & Engineering Team

- Performed data cleaning and explored historical incident data by using Python libraries (Pandas & NumPy). Used this data to develop a routing algorithm to assign incidents to appropriate teams, increasing team productivity by 30%.
- Performed NLP classification task and text preprocessing in Python to prefetch resolution details from past incidents. This provided context sensitive content to analysts, and decreased incident resolution time by 400%.
- Developed an algorithm in Python to predict issue resolution time by performing feature-engineering with historical incident data, allowing the team to provide impacted users with an accurate resolution time.

SimplyStock.Net, Stock Market Investing Portal

Charlotte, NC USA

Data Engineering Intern

- Identified data requirements for the portal and sourced datasets from providers such as IEX using Python ETL code and REST API
- Created a prediction model using Python and performed statistical analysis using R to predict the probability of a stock going up or down in the next earnings results based on sales & profit estimates + price performance during the past earning results (used 3 years of historical data).
- Leveraged financial statements to evaluate the company's historical data to generate performance metrics using tools such as SQL, MS Excel, MS Power BI, and later automated them in the website using Tableau.

LEADERSHIP EXPERIENCE

Business Technology Group

Columbia, SC USA

President

- Catalyzed 60+ students to create technology-based strategies for local businesses to grow their sales.
- Applied Lean methodology to eliminate redundant business processes, mitigate risks, and optimize performance. Proposed automation strategies using ProcessModel and other productivity tools for various business use cases.
- Prepared market research summaries and created PowerBI dashboards to pitch proposals to business owners.

University of South Carolina Student Senate

Columbia, SC USA

Finance Committee Vice-Chair

- Devised and oversaw the \$180,000 annual budget for the 2022-2023 fiscal year using MS Excel.
- Led finance workshops to help student organizations understand the budget request process, resulting in a 45% increase in budget requests.

University of South Carolina Freshman Council

Columbia, SC USA

Student Life Committee & Inclusion and Equity Committee Member

- Developed an award-winning Pairing Tool called "Freshman Friendr," using a Python matching algorithm on multiple data points to connect 300+ students with study-partners and friends.
- Designed community outreach programs for UofSC students, connecting them with a diverse group of local leaders.

ACTIVITIES & SKILLS

- **Technical Skills:** C++, Java, Python, R, SQL, STATA, MS Excel, MS Access, MS PowerBI, ProcessModel, Tableau, Bloomberg Terminal
- **Awards:** BofA Innovation Summit - Top 6 Projects, SGxYOU Award for Freshman Friendr, Outstanding Leadership Award in Student Senate
- **Activities:** Silicon Valley Young Coders Club Instructor - Led a bootcamp of 50 students, teaching concepts of software, technology, and entrepreneurship