

AKASH SAVANUR

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Education

Nanyang Technological University, Singapore

Bachelor of Computing in Computer Science with a Second Major in Business

July 2023 – July 2027

CGPA: 4.84/5.00

National University of Singapore

SUSEP Partial Exchange

July 2024 – Present

Relevant Coursework

- Financial Management
- Marketing
- Algorithms
- Algorithms Design and Analysis
- Investments
- Financial Accounting
- Object Oriented Programming
- Probability and Statistics
- Data Structures and

Experience

Analyst, Mergers and Acquisitions

August 2024 – Present

NTU Investment Banking Club

- Built and analyzed comprehensive 3-statement models (Income Statement, Balance Sheet, Cash Flow) to assess the financial health of potential M&A targets, ensuring accurate projections and strategic recommendations for deals.
- Performed valuation analyses, including comparable companies and transaction multiples. Utilized Discounted Cash Flow (DCF) models to derive intrinsic value, applying key metrics such as WACC and Beta.
- Presented M&A case assessments by developing business plans, performing strategic fit and financial due diligence, and pitching mock mandates to seniors for feedback. Gained hands-on experience with buy-side and sell-side processes.

Peer Tutor - Statistics and Analysis

August 2024 – Present

Nanyang Technological University

Singapore

- Conducted weekly peer tutoring sessions for up to 30 university students, effectively simplifying complex statistical concepts to improve understanding and performance.

Undergraduate Research Assistant

August 2024 – Present

Nanyang Technological University

Singapore

- Assisted in developing optimized deep learning models for novel view synthesis in medical volume reconstruction, focusing on improving current techniques to boost computational efficiency.
- Advanced research on novel view synthesis for medical volume reconstruction enhances 3D imaging techniques, enabling more accurate diagnostics, minimally invasive surgeries, and personalized treatment planning.

Full Stack Development Intern

June 2024 – July 2024

DoozieSoft

Bangalore, India

- Engineered a full-fledged temple management website using the PERN stack (PostgreSQL, Express, React, Node.js).
- Designed and deployed 15+ microservices, reducing API response times by 40%, and handled over 2000 user registrations and 500+ payments through Razorpay with a 98% success rate.
- Integrated WhatsApp APIs for OTP generation and notifications, enhancing user authentication and engagement, along with automated audit logs and receipt generation for secure transactions.
- Registered over 2000 users within the beta phase, facilitated by efficient event booking and donation management features, contributing to high user satisfaction and engagement.

Main Committee Member

July 2024 – Present

Machine Learning and Data Analytics Club, NTU

Singapore

- Spearheaded a series of workshops that covered the fundamentals of Data Science, progressing to advanced Machine Learning and AI concepts. Ensured high engagement and learning outcomes by curating practical, hands-on sessions using real-world datasets.

Skills and Interests

Programming Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, PyTorch, Flask

Frameworks: Microsoft Excel, Powerpoint, React, Node.js, Django, Redux, Express, Material-UI, MongoDB

Business/Finance: NPV, IRR, MIRR, WACC, Equity markets, Bond markets, Portfolio analysis, Corporate Finance, Investments, Marketing

Interests: Classical Piano - Trinity Grade 8 (Chopin supremacy), State Level Badminton Player, Chess

Favourite Books: The Alchemist, Sapiens, Don't Believe Everything You Think

Favourite Movies: Inception, Good Will Hunting, Moneyball