Tayte Choudhury

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EDUCATION

Texas A&M University   **College Station, Texas**
Master of Science in Finance   *May 2028*
Mays Business School   *Cumulative GPA: In Progress*

Texas A&M University   **College Station, Texas**
Bachelor of Science in Computer Science   *May 2027*
College of Engineering   *Cumulative GPA: 3.60/4.00*

PROFESSIONAL EXPERIENCE

Ryan, LLC   **Houston, Texas**
Incoming Severance Tax Intern   *May 2026*

Switchless   **College Station, Texas**
Hardware and Software Engineer   *January 2025 – May 2025*
- Contributed to hardware and firmware development by building key system components and assisting with technical presentations to angel investors which garnered $300,000 in seed investments
- Designed 4 custom schematics and PCBs in EasyEDA for smart switches deployed in new residential developments in Houston which support AI-based automations, tailored towards learning over 1,000 new projected users
- Implemented embedded C modules to control switch behavior, signal processing, and system responsiveness of the switches

TanChes   **Houston, Texas**
Level One Helpdesk   *May 2023 – August 2023*
- Delivered Level 1 technical support to 100+ users for computer systems and user devices, diagnosing and resolving common hardware, software, and connectivity issues to minimize downtime; resolved roughly 20-30 daily tickets
- Created and maintained detailed technical documentations, including troubleshooting guides, setup procedures, and system configurations, contributing to knowledge sharing and more efficient support workflows
- Supported rack-and-stack data center projects, supporting the physical installation, cabling, and configuration of 14 servers and other network hardware to ensure proper setup and operational readiness

LEADERSHIP & INVOLVEMENT

Aggie Lemons   **College Station, Texas**
Hardware Engineering Member   *January 2025 – May 2025*
- Constructed a low-power gear shift indicator system using transistors, resistors, and LEDs, improving driver reaction time during endurance races and reducing power draw by ~60%
- Developed and deployed custom microcontroller software through an Arduino, enabling driver-specific RPM thresholds for LED activation which enhanced usability across drivers
- Integrated the system into the race car's electrical harness and performed real-time testing during practice laps; drivers improved lap times by as much as 0.3 seconds per lap

Enhabit Home Health & Hospice   **Bryan, Texas**
Hospice Care Assistant   *June 2024 – July 2024*
- Offered emotional support to 2 struggling, terminally ill patients, assisting with end-of-life care during the final stages of life
- Supported the patients with basic non-medical needs and helped maintain emotional well-being in a supportive environment
- Fostered trust and reduced patient anxiety and isolation through regular visits, empathetic conversations, and attentive care

Spread the Music Association   **Sugar Land, Texas**
President   *August 2019 – May 2023*
- Coordinated and planned the annual benefit concerts, raising nearly $5,000 total for global education and empowerment initiatives through the UN Foundation's Girl Up

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: C/C++, Python (scikit-learn, OpenCV, TensorFlow, PyTorch), Java, LaTeX, HTML, CSS, JavaScript, SQL, R
Certifications & Training: Wall Street Prep Excel, Wall Street Prep PowerPoint, CFA Investment Foundations
Languages: Korean (Fluent), Spanish (Elementary)
Activities: Aggie Investment Club, Aggie Lemons, Society of Asian Scientists and Engineers, Intramural Sports, Big Event
Interests: Momentum Analysis, Soccer, Baduk, Sudoku, Kelly Criterion, Formula 1 Load Transfer Analysis, Čzerný's Etudes