

DAT LY

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EDUCATION

The University of Texas at Austin Computer Science & Finance Honors May 2025
Overall GPA: 4.0

Coursework: Operating System, Data Structures, Algorithms, Systems Programming, Deep Learning, Discrete Math

Activities: Undergraduate Computational Finance, Q++, Meal Movement Club, Lime Connect

EXPERIENCE

NetApp(Cloud Data Management): – *Software Engineer Intern*; Austin, TX May 2023 – Present

- Automated client report with Power Automate, Azure, Selenium, and Docker. Saving 15 hours/week in manual labor
- Created PowerPoint generator with SharePoint & Oracle database in Python. Reduced presentation creation time by 40%
- Optimized queries and implemented new features. Reduced system response time by 15% and increased productivity by 25%

AMD (Advanced Micro Devices): – *Software Engineer Intern*; Austin, TX September 2022 – December 2022

- Implemented 1k+ QA tests for new chips via embedded system with Raspberry Pi and Arduino IoT Cloud in Linux.
- Predicted thermal trends and performances on 100k+ of data via Python and Power BI. Improved in a 20% energy efficiency
- Engineered Jira system to synthesize 200+ data for prediction and budget projection. Improved productivity by 34%

L3Harris Technologies (Military Tech): – *Software Engineer Intern*; Dallas, TX August 2021 – August 2022

- Automated CSV report generation using REST APIs and SQL queries, streamlining Oracle database and reducing manual effort
- Implemented tests for display systems using Java Junit under the Orchid IX program. Reduced display system failures by 25%
- Developed and maintained file download, upload, and transfer functionality via UML and C++. Increased transfer speed by 15%

L3Harris Technologies (Military Tech): – *Financial Data Analyst Intern*; Arlington, TX November 2020 – August 2021

- Analyzed over 2,000 data daily via SQL queries and VBA
- Assisted with new employee onboarding ensuring all pre-employment forms were completed to company's standards
- Extract Install Base data from the centralized repository

PROJECTS

Reddit Tiktok Video Bot: – *Full-Stacked Developer*; Austin, TX May 2022 – August 2022

- Designed an automated systems utilizing web APIs to process and generate content and extend functionality for TikTok
- Reduced processing time to generate from 60 mins to 4 mins per video, 15x faster
- Utilized Python | API | gTTS | Node.js | Playwright | Dotenv

LEADERSHIPS

Microsoft TEALS Program: – *Lead Computer Science Educator Assistance*; Austin, TX May 2022 – Present

- Supervised and taught over 50 students within the underprivileged community without CS program
- Created 100+ daily educational plan including quizzes and homework with 95% completion rate
- Conducted discussion and study groups reinforce learning concepts and assignments

Cryptocurrency Trading Program: – *Co-Founder & Front-End Developer*; Dallas, TX May 2018 – May 2020

- Mentored junior team members, improving team capabilities by 15%, saving \$10k in outsourcing costs
- Redesigned website using HTML, CSS, and JavaScript, resulting in a 30% increase in user engagement within the first month
- Integrated WebSocket API for real-time crypto market data, increased profitability by to a 12%

TECHNICAL SKILLS:

Languages: Python, C++, Java, R, SQL, C#, MATLAB, JavaScript/TypeScript,

Frameworks/Libraries: React.js, Next.js, Node.js, Pandas, NumPy, PyTorch, TensorFlow, REST APIs

Tools: AWS, Azure, Git, Docker, Jira, Snowflake, MySQL, Power BI, HTML/CSS, Kubernetes

HONORS & AWARDS

- Google Generational Scholar - \$10k; Michael & Susan Dell Foundation Scholar - \$25k; Scholarshot Scholar - \$25k
- The American Legion Award; Ronald M. and Marilou D. Brown Endowed Scholar

ADDITIONAL INFORMATION

Work Eligibility: Eligible to work in the U.S. with no restrictions