

# DAT LY

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## EDUCATION

<b>The University of Texas at Austin</b>	Computer Science & Information Systems	May 2025
Overall GPA: 4.0		

## EXPERIENCE & PROJECT

**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 30% and increased productivity by 25%

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

- Predicted thermal trends and performances base on 100k+ data via Python and Power BI. Improved in a 20% energy efficiency
- Implemented 1k+ QA tests for new chips via Raspberry Pi and Arduino IoT Cloud. Leading to a 32% decrease in chip defects
- 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

- Developed a feature to automatically export CSV reports via Java for APIs and SQL for integration with Oracle database
- Implemented tests for display systems under the Orchid IX program. Reduced display system failures by 25%
- Developed and maintain file download, upload, and transfer functionality via UML and C++. Increased transfer speed by 15%

**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

**Microsoft TEALS Program:** – *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

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

- Built and analyze over 100 different Excel sheets, PowerPoint, and Word documents
- Managed over 96k data daily via queries and power pivots
- Utilized numerous Excel functions to create presentable data spreadsheets, tables, and charts

**L3Harris Technologies (Military Tech):** – *Human Resource Data Analyst Intern*; Arlington, TX November 2020 – May 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

**ACM, TPEO, ECLAIR, Q++, Code Orange, and Meal Movement Club - Active Member** Fall 2021 – Present

## HONORS & CERTIFICATIONS

- Michael & Susan Dell Foundation Scholar; Scholarshot Scholar
- The American Legion Award; Ronald M. and Marilou D. Brown Endowed Scholar
- Google Project Management Certificate
- Microsoft Azure Fundamentals Certification
- J.P. Morgan Software Engineering Virtual Experience Certification
- Goldman Sachs Software Engineering Virtual Experience Certification

## ADDITIONAL INFORMATION

**Skills:** Python, Java, JavaScript, CSS, HTML, C#, C++, SQL, MongoDB, AWS, Snowflake, Sparks, Git, Jira, and Power BI

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