DAT LY

datvtly@gmail.com • (682) 256-3683 • [datly.tech] • [linkedin.com/in/dat-ly]

EDUCATION

The University of Texas at Austin	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 on 100k+ of 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 using 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

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