Dat Ly

[datvtly@gmail.com](mailto:datvtly@gmail.com)  (682) 256-3683  [datly.tech](https://datly.tech/)  [linkedin.com/in/dat-ly](https://www.linkedin.com/in/dat-ly/)

**EDUCATION**

**The University of Texas at Austin**

Computer Science & Information Systems May 2024 Overall GPA: 4.0

**EXPERIENCE & PROJECT**

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

* Predicted trends and performances base on 100k+ data through Python and PowerBI
* Implemented 1k+ tests for new chips via Raspberry Pi and Arduino IoT Cloud
* Engineered modern cloud infrastructure to store millions of client data points

**L3Harris Technologies:** – *Software Engineer Intern;* Arlington, TX August 2021 – August 2022

* Developed a feature to automatically export CSV reports by using Java for APIs and SQL for integration with Oracle database
* Implemented tests for display systems under the F-35 Lightning II JSF program
* Developed and maintain file download, upload, and transfer functionality through UML and C++

**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:** – *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:** – 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 Data Analytics Certificate
* 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, Autodesk, MS Excel Automation, MS Power Automate

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