

# DAT LY

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

## EDUCATION

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<b>The University of Texas at Austin</b>	Computer Science & Information Systems	May 2024
Overall GPA: 4.0		

## EXPERIENCE & PROJECT

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<b>AMD (Advanced Micro Devices):</b> – <i>Software Engineer Intern</i> ; Austin, TX	September 2022 – Present
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- 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

<b>L3Harris Technologies:</b> – <i>Software Engineer Intern</i> ; Arlington, TX	August 2021 – August 2022
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- 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++

<b>Reddit Tiktok Video Bot:</b> – <i>Full-Stacked Developer</i> ; Austin, TX	May 2022 – August 2022
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- 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

<b>L3Harris Technologies:</b> – <i>Finance Intern</i> ; Arlington, TX	May 2021 – August 2021
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- Built and analyze over 100 different Excel sheets, PowerPoint, and Word documents
- Utilized numerous Excel functions to create presentable data spreadsheets, tables, and charts
- Managed over 96k data daily via queries and power pivots

<b>L3Harris Technologies:</b> – <i>Human Resource Data Analyst Intern</i> ; Arlington, TX	November 2020 – May 2021
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- Analyzed over 2,000 data daily via SQL queries and VBA
- Assisted with new employee onboarding, and ensuring all pre-employment forms were completed to company's standards
- Extract Install Base data from the centralized repository

<b>VITA/TCE Tax Return Program:</b> – <i>Shift Leader</i> ; Arlington, TX	January 2018 – May 2021
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- Direct corporate outreach and programming for weekly member meetings, social events, and community events
- Coordinated four recruitment events in two weeks, resulting in induction of 20 new members
- Increased membership by 20% through expanded print and Facebook social media marketing campaign

<b>ACM, TPEO, ECLAIR, Q++, Code Orange, and Meal Movement Club</b> - <i>Active Member</i>	Fall 2021 – Present
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## HONORS & CERTIFICATIONS

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- 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

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**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