

Layla Donia

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EDUCATION

Texas A&M University | College Station, TX

Graduation December 2026

B.S. in Computer Science, Minor in Business | GPA: 3.41

Relevant Courses: Object Oriented Programming, Discrete Structures Computing, Data Structures & Algorithms, Foundations of Software Engineering, Introduction to Computer Systems

TECHNICAL SKILLS

Programming Languages: Java, Javascript, C++, Python, HTML/CSS, SQL

Frameworks and Libraries: Pandas, Numpy, Sci-Kit Learn, Keras, Boost

Applications: Microsoft Excel, Word, PowerPoint, Git, Spyder, PyCharm, Visual Studio

Technical Skills: Optimization of Data Structures and Algorithms, Cloud Computing, Software development

Graphic Technical Skills: Design tools and technologies: QT, Figma, Wix

Soft Skills: Experienced in presenting, leadership roles, working with teams of various sizes

PROJECTS & WORK EXPERIENCE

AI Research Assistant | Internship at Transloads.co

June 2024 - August 2024

- Problem solving: Conducted in-depth research to identify and implement innovative features for a startup company's application, enhancing its functionality and market competitiveness
 - Conducted comprehensive user experience analysis and proposed improvements to enhance the application's usability and accessibility
 - Leveraged AWS cloud computing tools, such as QuickSight and Textract, to support data analysis and streamline operational processes

Game Development Project | Texas A&M University

October 2022 - December 2022

- Teamwork: Developed a Python script with a team that lets users play Wordle, Hangman, and Tic-Tac-Toe
 - Wordle: Replicates Wordle by the New York Times
 - Hangman: Provides a user interface and visualizations for in-game process
 - Tic-Tac-Toe: Automated to play against the program

Super Mathio | American International School

January 2021 - November 2021

- Software development: Developed an application programmed in Java that assists high school students prepare for IB mathematics via playing Super Mario
- Consisted of 3 aesthetically attractive graphical user interfaces:
 - Admin console to manage users and content
 - Teacher interface to add teaching material, math questions, and view students' scores
 - Student interfaces that combines math quizzes and Super Mario

ADDITIONAL

- **Organizations:** Aggie Women in Computer Science, The Big Event (Community service initiative)
- **Service-Leadership:** Tutored high school students in Calculus and Java Programming
- **Hobbies:** Swimming, Volleyball, pickleball, Playing piano, and Film making