

Aldahir Flores

901 W Illinois St., Urbana, IL 61801 | (847) 722-5422 | aflor101@illinois.edu

Education:

University of Illinois Urbana - Champaign, Urbana/Champaign, Illinois
Bachelors of Science, Major in Chemical Engineering with a Minor in Math

December 2027
GPA: N/A

Vernon Hills High School
High School Diploma

May 2024
GPA: 4.10/4.00

Skills:

- Coding Languages: Python and Java
- Native Spanish Speaker
- Experience Running a Social Media Platform
- Novice French Speaker

Work Experience:

Vernon Hills High School K-8 Summer/Winter Coding Camp

Vernon Hills, IL

Position: Program Advisor

(Summer) July 2023 – August 2023 and (Winter) January 2024

- Provided individualized support and encouragement to students, helping them navigate coding challenges, develop problem-solving skills, and build confidence in their technical abilities
- Delivered engaging, hands-on coding lessons and activities, fostering an interactive and stimulating learning environment for young learners

Eiserman Associates

Libertyville, IL

Position: Nursery Worker

June 2021–August 2021

- Provided comprehensive care for a diverse range of plants, including watering, fertilizing, pruning, and pest management, ensuring optimal growth and health
- Managed nursery inventory by tracking plant stock levels, organizing plant displays, and maintaining accurate records of plant varieties, quantities, and conditions

Leadership and Activities:

Public Calculus Tutor

Location: N/A

Position: Online Public Calculus Tutor

June 2024 – Present

- Developed and produced engaging, educational TikTok videos focused on calculus concepts, including limits, derivatives, integrals, and applications, tailored to a diverse audience of students
- Crafted clear, concise explanations and step-by-step problem-solving strategies to simplify complex calculus topics, making them accessible and understandable for learners at various levels
- Built and maintained a strong online presence by interacting with viewers, responding to questions, and providing additional resources or explanations based on viewer feedback and requests

Vernon Hills High School Computer Science Club

Vernon Hills, IL

Position: Vice President

May 2023 – May 2024

- Assisted the President in leading the Computer Science Club, overseeing meetings, coordinating events, and managing club operations to ensure alignment with the organization's goals and objectives
- Contributed to long-term strategic planning and goal setting for the club, assisting in the development of initiatives and programs to advance the club's mission and objectives.
- Participated in engineering-related events, such as guest lectures, field trips, and industry panels, fostering professional development and networking opportunities.

Projects:

17 Sustainable Development Goals Computer Science Project

Vernon Hills, IL

Position: Project Manager

June 2023– July 2023

- Designed and implemented a curriculum that integrated SDGs into computer science education, using programming languages and tools to create practical applications that address global challenges such as climate change, poverty, and inequality
- Developed engaging educational materials that integrate the SDGs into computer science lessons, using tools such as educational software, coding platforms, and digital simulations

Research On High School Students Study Behaviors With Social Media Platforms

Vernon Hills, IL

Position: Researcher Research Mentor: Eissa Hashemi Contact: ehashemi@thechicagoschool.edu August 2023 – April 2024

- Developed and implemented a mixed-methods research design, including surveys, interviews, and observational studies, to collect data on students' social media usage patterns and their effects on study habits
- Collected quantitative and qualitative data through structured questionnaires, analyzing trends and correlations between social media usage and study effectiveness