

ADRIEN LEE

MECHANICAL ENGINEERING STUDENT

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Mechanical engineering student at Loyola University Maryland. I have loved engineering my whole life, working on personal projects all through middle school, high school, and college. In addition to my personal passion, I have maintained a strong academic record, and am aspiring for a masters in engineering.

RELEVANT EXPERIENCE AND PROJECTS

Co-Founder and CTO, ACC Industries

Feb 2025 - Present

My co-founders and I began our company in our freshman year. ACC Industries aims to manufacture electric vehicle batteries for EV retrofitters and eventually expand elsewhere in the industry. As the CTO, I am acting as lead engineer in the early days of the company. I have produced multiple prototypes, made numerous pitches, and our company has so far received more than \$60,000 in funding.

Student Tutor, Loyola University Maryland

Feb 2026 - Present

Tutored students in classes I have already taken, usually in physics and calculus. Not only was I helping these students learn, but it also kept me constantly reviewing older topics, helping to keep myself sharp.

Robotics Team: FIRST Tech Challenge, Team 13181 Free Wi-Fi

Sept 2022 - May 2024

During my last two years of high school, I worked on an independent FTC robotics team. In my junior year, we made it to the world championship. In my senior year I was a team leader and driver, I designed the entire robot and modeled it in Solidworks, including almost all 3D printed custom components.

Engineering Intern, Yushin America

June 2023 - August 2023

I had the opportunity to do a summer internship at a robotics team in the summer before my junior year. Here I first learned Solidworks, how to cut metal, how to program toolpaths, and many other valuable skills.

Game Developer, "Glaucan Inc."

May 2025 - December 2025

I developed a game from scratch using the Unity game engine. It is available to play now on Steam. Through this experience I also learned C#, story design, marketing, and the basics of Blender and Photoshop. The game is available here: www.store.steampowered.com/app/3866840/Glaucan_Inc/

Hackathon Participant, Albacore Incorporated

March 2026

My team and I spent one weekend working on building an underwater drone from scratch. I led the engineering effort, which given the parts supply limitations and time constraints was an extreme challenge. We made an impressive build and made a fantastic pitch in front of top officials and professionals.

Lifeguard and Swim Instructor, YMCA of Greater Providence

August 2022 - Present

In high school and during breaks back from college, I have worked at my YMCA as a lifeguard and swim instructor. I have maintained water safety and also taught students how to swim for themselves. I am certified in first aid and CPR.

EDUCATION

BSE, Engineering, Mechanical Engineering

Sept 2024 - May 2028

Loyola University Maryland, 3.7 GPA

- Honors program student
- Winner of the inaugural Greyhound Pitch Competition
- Dean's List, all semesters

SKILLS

- Python, C#, and other programming languages
- Machine learning (using python)
- Solidworks, Fusion 360, Onshape
- Unity game engine
- Microsoft suite