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 planning on continuing my education after undergrad.

RELEVANT EXPERIENCE AND PROJECTS

Undergraduate Researcher, Loyola University Maryland **Sept 2026 - Present**

In my junior year, I began undergraduate research with a professor of physics, using deep learning to model complex systems, and exploring their limitations, starting with the Lorenz System.

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 built with repairability and sustainability in mind. 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 and Front Desk at the Study, Loyola University Maryland **Feb 2026 - Present**

Tutored students in classes I have already taken, usually in physics, engineering, and calculus. Not only was I helping these students learn, but it also kept me constantly reviewing older topics, helping to keep myself sharp. I also began working at the front desk in my junior year, keeping the study running smoothly when I'm not tutoring.

Engineering Intern, Yushin America **June 2023 - August 2023**

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

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.

Game Developer, "Glaucon 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/Glaucon_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.

EDUCATION

BSE, Engineering, Mechanical Engineering **Sept 2024 - May 2028**

Loyola University Maryland, 3.7 GPA

- Honors program student
- 2x Winner of the Greyhound Pitch Competition
- Dean's List, all semesters

SKILLS

- Python, C#, and other programming languages
- Machine learning (python)
- CAD (Solidworks, Fusion 360, Onshape)
- Microsoft Suite