Richard Le

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EDUCATION

University of Massachusetts-Amherst   May 2027

Bachelor of Science in Electrical and Computer Engineering, 3.9 GPA

Honors/Awards: Dean's List (Fall 2023, Spring 2024, Fall 2024)

RELEVANT COURSEWORK: Calculus I-II, Physics I-II, Advanced Programming, Circuits & Electronics I, Analytical Tools for ECE, Computational tools for ECE

EXPERIENCE

Robotics Club Member University of Massachusetts-Amherst   *Sep 2023 – Present*
- Collaborated with a team of 5 people to model and create a robotic claw arm and as part of an ongoing club project.
- Involved in designing mechanical parts, programming control systems, and integrating sensors and motors to enhance precision and functionality.
- Debugged hardware and software systems, improving the performance of the arm through iterative testing.
- Held meetings with the group every week to communicate about the overall and individual progress on the project.

ACTIVITIES

Section Leader, Randolph High School Band – Randolph, MA   *Sep 2019 – June 2023*
- Led and mentored a section of 8+ students, ensuring musical growth and coordination during rehearsals and performances.
- Developed strong interpersonal skills by mediating conflict and motivating peers to achieve collective success.

TECHNICAL SKILLS

Programming Languages: MATLAB, Python, Embedded C
Software: Microsoft Excel, LTSpice, KiCad
Lab Equipment: Oscilloscope, Multimeter, Bench Power Supply, Function Generator
Skills: Circuit Design, Embedded Systems, Robotics, Data Analysis
Version Control: Git