

Emmet McEvilley

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(424) 383-0492

EDUCATION

Carnegie Mellon University, Pittsburgh, PA

B.S. Mechanical Engineering

GPA: 4.0 — Dean's List

Expected May 2028

Phillips Academy Andover, Andover, MA — High School Diploma

June 2024

EXPERIENCE & PROJECTS

Community Predictions App — Co-Founder

- Translated a market gap into a product concept, developing strategy for turning the idea into a usable app
- Designed wireframes and user flows in Figma, focusing on user engagement and retention loops
- Built front-end components and coordinated with back-end developers to align technical and product goals
- Balanced product vision with implementation, ensuring usability while keeping development on track

Physics 1 Course Center (CMU) — Teaching Assistant Associate

- Supported student learning by answering questions, reviewing concepts, and guiding problem-solving

Innovation, Design, and Entrepreneurship (CMU) — Student Project

- Conducted market research and stakeholder interviews within the biking industry to develop a concept for an MVP addressing biker safety

Public Problems (CMU) — Student Research Project

- Researched tech usage and mental health effects in academic environments; designed and analyzed surveys to propose solutions

Fundamentals of Mechanical Engineering (CMU) — Student Project

- Applied CAD modeling, 3D printing, and fluid simulations across multiple team-based projects

Applied Digital Design (Phillips Academy Andover) — Team Project

- Collaborated on three client- and user-focused group graphic design projects in a studio-style environment

LEADERSHIP & ACTIVITIES

Belvedere Tennis Club — Tennis Instructor

- Led youth tennis camps and private lessons, engaging all ages and skill levels while fostering a collaborative environment
- Built communication and leadership skills transferable to team-based engineering projects

CMU Robotics Club — Member

- Contributed to design and prototyping of an Iron Giant-themed dog house for Spring Carnival

Tamalpais High School — Varsity Tennis Captain

- Led the team to league finals, ran morning practices, and promoted team cohesion and development

SKILLS

SolidWorks, Figma, Adobe Suite, Python, Java, MATLAB, CAD, 3D Printing, Prototyping
Mechanical design, technical problem-solving, data analysis, teamwork, project execution