Ericson P. Kimbel, II

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Education

University of Pittsburgh (3.61 GPA) **2024-Present**

Major: Bio-Engineering and Pre-Med: Dean's List (Spring 2025, Fall 2025)

Penn State University, New Kensington Campus (3.8 GPA) **2022-2024**

Major: Biomedical Engineering and Pre-medicine: Dean's List (Fall 2022 - Spring 2024)

Goalkeeper for Men's Soccer Team (USCAA Division II; PSUAC): PSUAC All Conference Award (2022), PSUAC All Conference Award (2023), USCAA Fall National Academic Award (2023)

Presidential Member for National Society of Leadership and Success (2024)

Shady Side Academy, Middle and Senior Schools **2015-2022**

The Willaim C. Nealon Art Award, Linear Algebra, Intro to Multivariable Calculus, Latin IV, AP Calculus BC, Physics 3, Into to AI

Objective

Sleep Medicine Physician (Somnologist)

- My goal is to educate, treat, and help people afflicted with sleep apnea.
- My personal experience with this disorder has made me passionate about helping others.

Experience

Undergraduate Research Project on Sleep Apnea and Sleep Deprivation **2022-Present**

- Collecting data on human subjects relating to reaction time, memory, and similar testing.
- Goal is to create a model that identifies subjects with sleeping disorders and predicts behaviors.
- Created custom remote testing software via PsychoPY (Python)

LitCon Group, LLC - Paid Internship **Summer 2021**

- Researched, analyzed, and created background reports for business development.
- Conducted document reviews, assisted in case management, and research for litigation matters.

Design and Construct a Rideable Motorized Electric Wheelbarrow (MEW) **2021-Present**

- Designed and built a Rideable MEW for Physics 3 at Shady Side Academy High School.
- Detected and cured multiple issues in designs, fabrication, and software.

Private Tutoring **2020-2022**

- Tutor middle school students in English grammar, vocabulary, context, and other subjects.
- Create and teach lessons, schedule sessions, invoice, and collect payments.

Rental Property Maintenance and Services **January 2018 - Present**

- Assist with renovation and maintenance of family rental properties in multiple states.
- Includes plumbing, mechanical, electrical, lawn care, winterizing, and other activities.

Campus Engagement

Pitt Biomedical Engineering Society **2024-Present**

BIO-E Circuits Lab **Fall 2025**

Pitt Intramural Soccer **2024-2026**

Penn State New Kensington Tutor **2023-2024**

- Tutoring physics, math, and a variety of other academic subjects for up to 20 hours per week.

Penn State New Kensington Student Government Association **2023-2024**

- Parliamentarian for Biomedical Engineering

Penn State Esports Team **2023-2024**

- Selected to represent Penn State in national and global esports competitions and events.

PSU G.R.E.A.T. Program **2022-2024**

- Program for networking and improving interviewing and other business skills.

PSU New Kensington Math Club **2022-2024**

- Vice President (2022) of new Math club at Penn State New Kensington, Member (2023).

LLM Optimization Engineer; C++, C, MATLAB, Python, Docker, Pytorch/CUDA etc.; Spread-platting, T-streak