

Jackson C. Denicore

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EDUCATION

University of Pittsburgh Swanson School of Engineering, Pittsburgh, PA

BS, Electrical Engineering

Expected May 2027

GPA: 3.87 / 4.0

- Member of Frederick Honors College
- Member of IEEE-Eta Kappa Nu (IEEE-HKN) Honor Society
- Relevant Coursework: Linear Circuits & Systems, Digital Circuits & Systems, Problem Solving with C++, Analytical Geometry & Calculus (Calculus 1-3), Analytical Methods (Linear Algebra & Differential Equations)

RELEVANT PROJECTS & SKILLS

Programming: MATLAB • C/C++ • VHDL • React.js

Tools/Applications: Excel • Visual Studio Code • React.js • Altium Designer • PSpice

First-Year Engineering Conference Research Paper

April 2024

- “3D-Printed Coral Reefs As An Effective Way Of Restoring Marine Habitats”
- Collaborated with a group of students to research the history, technology, and applications of 3D-printed coral as well as its future potential

Design & Entrepreneurship: Sustainable Food Systems

September 2023 – December 2023

- Identified sustainability issues & potentials solutions with food systems at the University of Pittsburgh
- Conducted a series of interviews and designed prototypes over the course of one semester

EXTRA CURRICULARS

Pittsburgh Electric Propulsion

August 2024 - Present

- Currently developing an all-electric C-stock Hydroplane and an electric autonomous boat
- Competes annually in the American Society of Naval Engineers' Promoting Electric Propulsion for Small Craft Competition

Pitt Rock Climbing Club

August 2024 – Present

Engineering Student Council

August 2023 – May 2024

WORK EXPERIENCE

Bucks County YMCA, Doylestown, PA

November 2022 - Present

Lifeguard Supervisor

Fanny Chapman Memorial Pool, Doylestown, PA

July 2019 - February 2023

Swim & Dive Instructor

Talamore Country Club, Ambler, PA

June 2021 - August 2022

Food Server