Adam Saunders

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Phone: (937) 620-5338
Location: Beavercreek, OH

Objective Detail-oriented electrical engineering undergraduate student with strong analytical skills seeking a PhD in medical image processing.

Education University of Dayton, Dayton, OH   August 2019 – May 2023
- *Bachelor of Electrical Engineering, minoring in Mathematics*
- *Senior with a 3.99 GPA*

Carroll High School, Dayton, OH   August 2015 – May 2019
- *4.55 weighted GPA, salutatorian*

Experience Oak Ridge National Laboratory, SULI Intern   June 2022 – Present
- *Explored deep learning models on a world-leading supercomputer*
- *Performed and presented medical image processing research*

University of Dayton, Physics Teaching Assistant   January 2022 – Present
- *Empowered students to learn calculus-based mechanics at office hours*
- *Assisted in the development of testing materials*

University of Dayton, Undergraduate Music Minister   August 2019 – Present
- *Planned and composed weekly hymns for campus Masses*
- *Led vocalists and musicians, accompanied on piano*

DRA, Inc., Computer Engineering Intern   May 2021 – August 2021
- *Designed digital systems to meet project needs*
- *Modeled and synthesized designs onto FPGAs using VHDL*

Honors Tau Beta Pi – Engineering Honors Society   November 2020
Ohio Seal of Biliteracy, Spanish   May 2019
Eagle Scout Award with Silver Palm   February 2019
International Science and Engineering Fair, Finalist   May 2018

Skills Machine learning and data analysis using Python
Digital hardware simulation and design using VHDL and FPGAs
Engineering design and analysis using MATLAB and Multisim circuit simulator
Knowledge of Microsoft Word, Excel, and PowerPoint
Strong critical thinking and analytical skills

Availability May 2023