

Nicholas A. Sorak

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EDUCATION

LAFAYETTE COLLEGE • Easton, Pennsylvania Expected Graduation May 2025
Bachelor of Science **Electrical and Computer Engineering**, Physics Minor **GPA: 3.84 / 4.00**
Marquis Fellowship (full tuition academic scholarship) Dean's List

ST. JOHN'S SCHOOL (High School) • Houston, Texas Graduated May 2021
GPA: 4.00 / 4.00

ADDITIONAL STUDIES

- **Lehigh University** • Bethlehem, Pennsylvania - Digital Circuits I synchronous and independent lab Summer 2023
- **Lafayette Engineering in Bonn** • Germany - engineering-track semester study abroad program Spring 2023
- **Lafayette College Summer Interim** • Italy - studied regional geology and agriculture Summer 2022

RELEVANT COURSEWORK

Engineering: Statics; Introduction to Programming; Digital Circuits I & II; Electrical Circuit Analysis; Solid State Devices and Circuits; Signals and Systems; Spring 2024: Design Solid State Circuits; Communications Systems; Engineering Electromagnetics; Data Structures & Algorithms

Physics: Mechanics & Thermodynamics; Electricity, Magnetism, & Optics; Spring 2024: Oscillatory & Wave Phenomena

Mathematics: Calculus I-III; Differential Equations with Linear Algebra

EMPLOYMENT

Peer Tutor • Lafayette College Academic Resource Hub, Easton, Pennsylvania Fall 2022 – present

- Nominated by professors to tutor Statics and Physics, maintaining a minimum of four hours availability per week
- Completed ten hours of relevant training, including study skills, mental issue recognition, and crisis mitigation

Server/Cashier/Host • Collina's Italian Cafe, Houston, Texas Summer 2023

Cabin Counselor • Camp Ozark, Mt. Ida, Arkansas Summer 2022

- Mentored 10-12 campers day and night teaching life skills, values, confidence, and conflict-resolution
- Led over two dozen camp programs, developing supervisory, teamwork, and multi-tasking skills

Intern • Research Environmental Solutions (RES), Houston, Texas Summer 2020

- Supported VP of Corporate Development, learning operational aspects of the ecological restoration industry, financial statement and balance-sheet analysis, and creation of related financial models

VOLUNTEER HIGHLIGHTS

Volunteer • Firth Youth Center, Phillipsburg, New Jersey Fall 2023 – present

- Lead youth activities, mentoring and serving as role model for underserved local school-aged children

Counselor in Training/Helper • St. Luke's United Methodist Church, Houston, Texas Summer 2017 – 2019

- Guided K-8th graders through camp activities, assisting teachers and counselors implement the program

Baseball "Buddy" • West University Little League Challenger League, Houston, Texas Spring 2017 – 2018

- Bonded with and guided children with physical and mental challenges to help them play and enjoy the game

HONORS AND ACTIVITIES

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- Tau Beta Pi (Engineering Honors Society) Fall 2023 – present
 - Institute of Electrical and Electronics Engineers (IEEE) Member Fall 2023 – present
 - Lafayette College Forensics (IPDA Debate) Fall 2023 – present
 - Jesse B. Flansburg Mathematics Department Award • St. John's School Spring 2021
 - 2021 Scholastic Arts & Writing Gold Key Award (Short Story) Regional Recipient Spring 2021
 - National Merit Finalist Spring 2021
 - The President's Volunteer Service Award (100+ hours each year) 2018 – 2020

INTERESTS

Languages: Completed up to **Spanish IV**, Completed up to **German II**

Skills: Coding (Java, C, C++, SystemVerilog), Git (GitHub), MS Office, Financial Modeling

Other: Mountain Biking, Guitar, Baseball, Snowboarding, Travel