Richard Allen Danylo

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EDUCATION
Ohio University (Athens, Ohio): Graduated Spring 2023, Cum Laude (3.5 Cumulative GPA)
- B.S. Chemical Engineering and B.S. Computer Science
- Subject Related Minors in Biological Sciences, Chemistry and Mathematics
- Additional Minors in Business Administration, Communications Studies, and Military Science
- Related Coursework: Basic Electrical Engineering I&II, Microprocess/Microcontrollers, Embedded Systems, Distributed/Parallel Computing, Thermodynamics, Fluid Mechanics, Heat Transfer

WORK EXPERIENCE
Officer in the United States Army: 2018-present
- PA Army National Guard 70B (Healthcare Administrative Assistant)
- Plan, coordinate, and monitor the treatment of patients

Exterior Waterproofing Assistant/Accountant at D. A. Danylo Incorporated: 2013-present
- Assisted in the installation of roofing systems (slate, tile, metal, shingle)
- Prepared tax statements, organized ledgers, organized payroll, tracked inventory, issued invoices

Teaching Assistant for Ohio University's Department of Computer Science: 2022-2023
- Assisted in lecturing and grading for the capstone/senior design class
- Managed high-level programming projects for external clients

Administrative Assistant at Ohio University Campus Involvement Center: 2020-2023
- Created an online program used to characterize student interests and match students to organizations
- Managed campus wide events such as Homecoming Parade and Welcome Week

Research Partner at Ohio University's Department of Biochemistry: 2020-2023
- Completed bioinformatic/laboratory research in plant SCW induction related to biofuel impacts

Student Employee at Edison Biotechnology Institute: 2019-2021
- Used various software (including Python and R) in bioinformatic analysis, publication graphic creation

SKILLS
Programming Languages: Python, R, C++, C#, Java, JS, Rust, SQL, CSS, HTML, XML, MATLAB, VBA
Tools/Frameworks: Git, ReactJS, NodeJS, AWS, Firebase, LaTeX, OpenCV, Agile/SCRUM, XAMPP/Apache
Software/OS: AutoCAD, ChemCAD, Microsoft/Adobe/Google Suites, Linux, Windows, OSX, iOS, Android
Hardware: Allen-Bradley PLC (Ladder Logic Programming), Personal Computer Installation/Repair
Certifications: American Red Cross First Aid/CPR/AED, Safety and Chemical Engineering Education Certificates
Business/Finance: S-Corporation/Personal Tax Form Preparation, Inventory/Ledger Management

ACHIEVEMENTS
1st Place Overall in the WERC Environmental Design Contest: 2020-2022
- Developed a water purification system to remove debris/VOCs from produced water
- In charge of PLC programming (process control), prototype implementation, and finance analysis
- 3rd Place in Contest Subcategory: "Flash Talk"

1st Place in the Ohio University Student Expo EECS Design Competition: 2021-2022
- Programmed mobile application with React.JS and created related business model
- Worked with external clients to meet design specifications using SCRUM

Ohio University Bobcat Battalion PMS Award (Top Cadet Award): 2019
Recipient of the Eagle Scout Award: 2018

EXTRACURRICULAR ACTIVITIES
American Institute of Chemical Engineers: 2018-present
Ohio University Student Body Treasurer: 2019-2020
Ohio University Student Senate (Appropriations Committee Commissioner): 2018-2021
Ohio University Interfraternity Council (Vice-president of Finance): 2020-2022
International Fraternity of Phi Gamma Delta (Scholarship Chair): 2019-present

VOLUNTEER EXPERIENCE
Project Manager for the Construction of the Borough of Avalon Community Garden (Pittsburgh, PA): 2017
Coordinator/Volunteer for the Annual OhioHealth Race for a Reason (Athens, OH): 2020, 2021, 2022, 2023