

Isaac Dowdy

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EDUCATION

University of Cincinnati **Graduating: May 2027**

Master of Engineering, Computer Science GPA: 3.33

- Primary Coursework: Software Testing & Quality Assurance, Intelligent Data Analysis, Software Architecture

University of Cincinnati **Graduating: May 2027**

Bachelor of Science, Computer Science GPA: 3.61

- Primary Coursework: Software Engineering, Design & Analysis of Algorithms, Database Design & Development, Discrete Structures, Programming Languages, Artificial Intelligence, Operating Systems & Systems Programming

SKILLS

Programming: C++, C, Python, SQL, Java

Software: Microsoft Office Suite, Microsoft Visual Studio, Eclipse, Jenkins, PostgreSQL

Operating Systems: Windows 7, Windows 10, Windows 11, Ubuntu, CentOS Linux, Red Hat Enterprise Linux

EXPERIENCE

Leonardo DRS | Technical Intern **Jan 2024 – Dec 2024**

- Developed software in Python, Java, and C++ adhering to company coding standards
- Operated independently and on teams to complete projects and solve problems
- Writing, editing, and recommending changes to software to comply with NSA security requirements
- Established automated building and testing tools for existing codebases

University of Cincinnati | Undergraduate Teaching Assistant **Aug 2023 – Dec 2023**

- Mentored small group of 24 students; led sessions on leadership, team effectiveness, and conflict resolution
- Instructed students in class with coursework covering statistics, programming, and various engineering disciplines
- Graded student assignments and exams

ACTIVITIES

H2O Church Cincinnati | Student Leader **Aug 2024 - Present**

- Attended and actively participated in weekly church gatherings, leadership meetings, and two small groups
- Planned and coordinated logistics and discussion material for two weekly small groups
- Fostered lasting relationships with students and community members

Adirondack Leadership Training **Jun 2025 – Aug 2025**

- Completed summer program focused on leadership development, team collaboration, and community service
- Planned, organized, and facilitated small group discussions and events
- Received hands-on training in effective mentoring, team dynamics, and interpersonal communication

AWARDS & HONORS

Cincinnatus University Scholar **Aug 2022 - Present**

University of Cincinnati College of Engineering & Applied Science Dean's List **Aug 2023 - Present**

College of Engineering & Applied Science General Scholarship **Aug 2022 – May 2023**

Rossiter Clarence Scholarship **Jan 2023 – May 2023**

AVAILABLE FOR CO-OP: SUMMER 2026