Deris O'Malley

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TECHNICAL SKILLS

- JavaScript
- TypeScript
- HTML
- Tailwind CSS
- Java
- React
- Node.js
- Git
- WebGL
- Android Studio
- MySQL Workbench
- SQL
- PostgreSQL
- Python
- Linux/Unix

EDUCATION

Champlain College   *Burlington, VT*
Bachelor of Science in Computer Science and Innovation   *Expected Graduation: 2027*
Minor in Mathematics
- GPA 3.93 (2024 Spring President's List (4.0 GPA), 2024 Fall Trustee's List (Consecutive 4.0 GPA semesters))
- Activities / Societies: Ultimate Frisbee Club Leader, Intramural Basketball, Tutoring, Computer Science Club

WORK EXPERIENCE

The Leahy Center
IT Administration Intern • Feb 2025 – Now, Burlington, VT
- Participated in ITS-192 class meetings and worked on-site at the Leahy Center on the IT Administration team.
- Engaged in hands-on work in a professional setting, learning computer system management/installation and networking.

Mount Anthony Union Country Club
Line cook • June 2022 – August 2023, Bennington, VT
- Helped improve the overall sanitary conditions within the kitchen, prepared food, and cooked a wide variety of flavorful dishes.

RELEVANT COURSEWORK

CSI-400-01: Human-Computer Interaction
Champlain College • Fall 2024
- Explored Human-computer interaction theory mixed with hands-on experience implementing a UI-centric research project.
- Learned the history of human-computer interaction, its key paradigms, and the research methods used to investigate new interfaces.
- Participated in seminar-style discussion classes, and presentations were coupled with practical experience implementing and running a scientific experiment.

CSI-281-02: Data Structures and Algorithms
Champlain College • Fall 2024
- Compared and contrasted the strengths of a variety of common data structures.
- Compared algorithms for tasks such as searching and sorting, while articulating efficiency in terms of time and space complexity.
- Implemented data structures and algorithms to support solution designs.

CSI-180-01: Innovation I: Technology Sandbox
Champlain College • Spring 2024
- Created Phonici • Language translation and culture learning mobile application.
- Utilized Android Studio, Google Firebase, and Java.
- Integrated Google Firebase's AI toolkit and machine learning models to effectively and accurately translate between 51 different languages.

CSI-300-01: Database Management Systems
Champlain College • Spring 2025
- Learning database design, SQL, normalization, relational database theory, and NoSQL paradigm databases.
- Hands-on experience writing database applications.
- Worked on a final database application project using PostgreSQL, Python, HTML, CSS, and JavaScript.