

Alexander C. Waters

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EDUCATION

Champlain College, Burlington, VT May 2022
Bachelor of Science Degree in Computer Science and Innovation GPA: 3.43
Minor in Data Science and Specialization in Artificial Intelligence

- Member of Free and Open Tech Club, Cyber Security Club, and Digital Forensics Association
- Assisted in configuration of N.E.C.C.D.C.

Relevant coursework: Introduction to Mobile Development, Calculus I, Database Management Systems, Advanced Programming, Linux/Unix Programming, Discrete Mathematics, Network Programming, Data Structures and Algorithms, Innovation II: Open Source, Introduction to Data Analytics, Computer Architecture, Forecasting & Predictive Analy. Data Mining, Server-Side Scripting, Software Requirements Eng.

SKILLS

HARD		SOFT	
<ul style="list-style-type: none">• C++• React• JavaScript• Golang• Database Programming	<ul style="list-style-type: none">• Python• Swift• Agile• Linux/Unix• Network Programming	<ul style="list-style-type: none">• Communication• Team Organization• Problem Solving• Creativity• Work Ethic	<ul style="list-style-type: none">• Adaptability• Project Management• Public Speaking• Troubleshooting• Time Management

EXPERIENCE

Leahy Center for Digital Forensics & Cybersecurity, Burlington, May 2021 - Present

I.o.T. Programmer

- Worked with the Secret Service to develop a full stack software
- Managed and increased communication and efficiency in a small team of developers
- Created documentation and implemented agile for better team adaptability
- Wrote code for frontend and backend development

Champlain College Tech Support, Burlington, January 2019 - Present

Senior Help Desk Technician

- Provided technological support to faculty and staff
- Respond to user calls and emails regarding access to college accounts and services
- Supported user requests via a ticket work order system

New Fairfield High School, New Fairfield, CT June 2019 - August 2019

Network Technician

- Dismantled and installed a large-scale network across 5 buildings to increase performance
- Organized and distributed technology related objects and devices
- Worked in a group of professionals to install servers, run wires, and install Access Points
- Assisted with general cleaning and custodial tasks.

PROJECTS

Full Stack Twitter, April 2021

- github.com/A-Waters/twitter_database
- A full stack software using MySQL, React, Node.js and Express.js

Bitboard Chess Bot, April 2021

- github.com/A-Waters/bitboard-chess
- A chess bot created using bitboards for piece representation

Other Projects

- Can be Found on my website at <https://alexwaters.dev/#/projects>