Alexander C. Waters

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TECHNICAL SKILLS

• C++	• Python	• Java	• Git
• React	• Swift	• CUDA	• Machine Learning
• JavaScript	• Agile	• SQL	• Linux/Unix
• Golang	• Clojure	• Bash	• Windows
• Database Programming	• Network Programming	• Parallel Computing	• Cybersecurity

EDUCATION

Champlain College, Burlington, VT | *Dean's List – Fall 2020 & Spring 2021*   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
- President of the Association for Computing Machinery club
- N.E.C.C.D.C. Team Member

EXPERIENCE

I.o.T. Programmer – Database Team   Burlington, Vermont

Leahy Center for Digital Forensics & Cybersecurity   May 2021 - Present

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

Senior Help Desk Technician   Burlington, Vermont

Champlain College Tech Support   Jan 2019 - Present

- 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
- Helped over 500 users solve issues and problems

Network Technician   New Fairfield, CT

New Fairfield High School   Jun 2019 - Aug 2019

- 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, access points, and run wires

PROJECTS

Full Stack Twitter github.com/A-Waters/twitter_database   Apr 2021
- A full stack software using MySQL, React, Node.js and Express.js

Bitboard Chess Bot github.com/A-Waters/bitboard-chess   Apr 2021
- A chess bot created using bitboards for piece representation