

RONAN WOLFE

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EDUCATION

Computer Science

Kalamazoo College - Kalamazoo, MI

I am an early graduate with a Bachelor's in Computer Science. I have supplemented my degree program with numerous biology courses and a minor in Japanese. Until the COVID-19 pandemic, I was enrolled in study abroad in Japan for the 2020-2021 academic year. In addition to my coursework, several of my peers and I founded Kalamazoo College's Computer Science Society.

Skills

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|----------------|--|
| • React Native | • C/C++ |
| • NodeJS | • HTML |
| • OpenMP | • Apple, Windows, Linux & Mobile Systems |
| • MPI | • Parallel Algorithms |
| • CUDA | • UI Design |
| • Javascript | • Big Data |
| • Python | |

WORK HISTORY

Parallel Compression Algorithm Research, 07/2021 to 12/2021

Kalamazoo College Computer Science Department - Kalamazoo, MI

In this position I worked on a project to develop a new method of omic data compression. This project implemented a highly scalable parallel approach using a hybrid of OpenMP & MPI technologies. In addition to those two languages I also gained experience using CUDA. This project required a great deal of independence, creative new solutions, strength and quickly learning new technology, adaptability to the work of others and an adept proficiency at interpreting said work.

Intake Specialist, 04/2021 to 07/2021

Sourcewise - San Jose, CA

Enroll new participants in the Great Plates Delivered program and assist pre-existing clients resolve issues and update information. Provide assistance with other affiliated projects. Create and update client information within our database.

Computer Consultant, 08/2018 to 06/2020

Kalamazoo College Help Desk - Kalamazoo, MI

I solved computer-related issues and helped students and faculty navigate computer processes as a consultant for the campus Help Desk. Frequently, I also assisted the IT staff with maintenance and daily upkeep of College computers, printers, scanners, and other technology.

Business Manager, 08/2017 to 06/2018

NHHS Biological Sciences Magnet Student Store - Los Angeles, CA

Researched, planned, and created a campus store for the Biological Sciences Magnet School. As Business Manager, I acquired the knowledge necessary for sales, inventory, staffing, finance, suppliers, as well as rules and regulations regarding selling food. In addition, I trained and taught my successor about the task ahead.