

Kyra Helmbold

Work Experience

- Software Engineer - *Polaris* 7/25 - Present
6/24 - 12/24
- Added features and fixed bugs on a web and mobile application
 - Designed and implemented a page that reduces QA model setup from >1000 models to ~50 models per site per year
 - C#, HTML, SQL, Javascript, .NET, SSMS, Visual Studio
- Network Administrator - *Polaris* 01/25 - 7/25
- Responded to >100 tickets efficiently, solving users' network issues and configuring network devices
 - Created 6 scripts that will check for quality and be used in site refreshes
 - Collaborated with the team to improve automation of some of our functions and worked with vendors to improve our network monitoring
- Undergraduate Researcher - *Carleton College Computer Science Dept* 03/23 - Present
- Researched Wikipedia's Arbitration Committee using APIs and web scrapers, and developed scripts in Python to analyze data
 - Developed new protocols related to experimental design and implementation and adapted quickly to changing environments and conditions
 - **Will be an author on the project's planned submission to ICSWM**
- Undergraduate Researcher - *Carleton College Geology Dept* 06/22 - 09/22
- Analyzed data, modified existing metadata, and identified minerals to increase readability and usability
 - Developed a website to increase accessibility of the BH-250 collection that is used worldwide
- Software Engineer Intern - *HEROES* 10/22 - 12/22
- Monitored system performance and identified and resolved software issues
 - Translated documentation from Spanish to English

Education

- BA in Computer Science - *Carleton College* 09/20 - 06/24
- Computer Security, Computer Systems, Algorithms, Programming Languages, Software Design, Social Computing, Statistics, Machine Learning, Operating Systems, Computability and Complexity
 - Senior Thesis on Penetration Testing
 - Bridge Club Vice President, Ultimate Frisbee, Swing Dance, Hospitality House Generalist
 - TA for Computer Systems, Intro to Computer Science, Mineralogy, and Petrology
 - **David Pollatsek '96 Prize in Computer Science**