

# Kayla Kraft

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## EDUCATION

### Lehigh University

Bethlehem, PA

*B.S. in Computer Science and Business(Honors), Minor in Entrepreneurship*

*Dec. 2023*

- Relevant Courses: Database Systems and Applications, Design and Analysis of Algorithms, Programming in Linux and Windows Operating Systems, Blockchain Concepts and Applications, Technology and Software Ventures, Advanced Accounting Information Systems

## EXPERIENCE

### Microsoft

May 2023 - August 2023

*Software Engineer Intern-Azure Automanage Machine Configuration*

*Redmond, WA*

- Developed and implemented an Extension Repair Tool in C++ and Go to enhance the Azure Arc user experience by addressing the issue of residual extensions when disconnected from a VM.
- Streamlined extension management by enabling customers to automatically remove extensions through the developed tool, eliminating the need for manual intervention by Support Engineers.
- Closely collaborated with Product Managers, Support Engineers, and actively participated in customer meetings to identify and compile a comprehensive list of common issues faced by users, providing valuable insights for the design and development of the product.

### Microsoft

May 2022 - August 2022

*Explore Intern (Software Engineer/Product Manager)- WebXT Edge Performance*

*Redmond, WA*

- Collaborated with two interns to start developing a feature, "Network Detector", to enhance the experience of 200M+ Edge Browser users.
- Created APIs to retrieve metrics from histograms to streamline analysis of customer's network data using Azure Services.
- Conducted unit testing in C++ to ensure all data containers functioned properly to optimize performance.

### Clocky

Feb. 2023 - Sept. 2023

*Business Development Intern(Spring '23)*

*Remote*

- Conducts competitive research and analysis to identify opportunities to improve the company's Amazon product listings, resulting in an increase in click-through rates and product visibility.
- Conducted market research to explore popular alarm features among users and investigate options for a new design that are user-friendly and cost-effective.

### Lehigh University

January 2022 - Current

*Undergraduate Teaching Assistant*

*Bethlehem*

- Manages a team of 12 graders and helps oversee the academic progress of more than 200 students per semester in the Introduction to Programming class(Java).
- Conducts weekly labs to provide hands-on learning experiences for students, assisting them in applying course material to practical programming exercises.
- Demonstrates strong communication and interpersonal skills, working collaboratively with the professor and other graders to ensure a cohesive grading process and positive student experience.

## EXTRACURRICULAR ACTIVITIES

### P.C. Rossin School of Engineering | Rossin Junior Fellow

March 2022 - Current

- Only student in major to be selected by the Computer Science Department chair due to unique combination of strong academic capabilities and dynamic interpersonal skills.
- Directs 5 informational sessions per semester to over 100 prospective students and parents to promote the College of Engineering.

### Computer Science and Business Association | Professional Development Chair

May 2022 – May 2023

- Assisted technical recruiters from multiple firms in the selection process of over 150+ Computer Science students at Lehigh University.
- Planned and executed annual networking events in NYC for membership network of 50 students with companies such as EY, and PwC.

## TECHNICAL SKILLS

**Skills:** Java, HTML/CSS, SQL, C/C++, Dart, PowerShell, Linux, Figma, Microsoft Suite, Azure DevOps, Asana

**Interests:** Soccer, Sculpting, Hockey, Oysters, Bagels, Quinn XCII, Running, Shih Tzu, National Parks, Soup, Otters