

Sarah Kunkel

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SUMMARY

Self-motivated computer science student with a strong work ethic, excellent communication skills, and abilities to work efficiently in both team and independent settings.

EDUCATION

University of Michigan - Ann Arbor

2017-2021

B.S., Computer Science

Ann Arbor, MI

Minor: Economics

- University Honors Award
- Member of University Honors College
- Completed coursework in Programming and Introductory Data Structures, Discrete Mathematics, Data Structures and Algorithms, Statistics, Principles of Economics I, Principles of Economics II, Labor Economics

EXPERIENCE

Vanderbilt Institute Software Integrated Systems

June 2018 to August 2018

Research Intern

Nashville, TN

- Developed side-channel defect detection software for Powder Bed Fusion Additive Manufacturing using OpenCV library and machine learning
- Coauthored on forthcoming paper

BlueLab for Ecoworks

August 2018 to Current

Software Developer, Finance Chair

Ann Arbor, MI

- Work on a student team to develop a mobile app using ReactNative for Ecoworks Detroit, a local sustainability non-profit
- As finance chair of BlueLab, handle team finances, applying for grants and other sources of funding, and work closely with Ecoworks

Michigan Daily

August 2017 to Current

Staff Photographer

Ann Arbor, MI

- Provide photography coverage of campus events to be published in the school newspaper
- Work weekly on the production of the newspaper for publishing

SKILLS

- Proficient in C++, C, Python, JavaScript, OpenCV, Bash, Git, Latex, React, ReactNative, HTML, Microsoft Word, Excel, PowerPoint
- Ability to learn very quickly and under pressure