

Catherine Krueger

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Education

University of Nebraska-Lincoln (4.0/4.0 GPA) Anticipated Graduation 2020
Jeffrey S. Raikes School of Computer Science & Management (University Honors Program)

- Competitive four-year honors program accepting thirty students per year to a cohort
- Focused on computer programming, teamwork, communication, and leadership

Bachelor of Science in Software Engineering
Minors: Computer Science, Business

Relevant Coursework

Honors Software Development Honors Innovation Processes Honors Data Structures and Algorithms
Honors Fundamentals of Data Analysis Honors Computer Problems Computer Systems Engineering

Work Experience

Software Engineering Intern, Spreetail, Lincoln NE Summer 2018

- Working on the Backend Chapter to architect and build clean self-contained systems to support the accounting and business analytics teams
- Building and deploying systems using C#, .NET framework, and RabbitMQ

Software Engineering Intern, Firespring, Lincoln NE Summer 2017

- Collaborated with designers and developers to improve the St. Baldrick's Foundation website in an MVC structured code base
- Updated frontend pages and job queueing using PHP, Ruby, HTML, and LESS

Research Intern, Nebraska Literary Labs, Lincoln NE Spring 2017

- Analyzed data and patterns within court documents, researching authorial fingerprints with a focus on the Bush V Gore Supreme Court case using R and RStudio

Leadership Experience

Raikes School Peer Mentor Fall 2017 - Present

- Provide insight and guidance to incoming freshmen in the Raikes program

Engineering Student Advisory Board Fall 2016 - Present

- Serve on the Public Relations Committee to connect the college with its students
- Write articles and organizing events to promote involvement and reward excellence

Relevant Extracurriculars

UNL UAV Club, Image Processing Team, Lincoln, NE Fall 2017 - Present

- Developing on an embedded systems project, specializing in image processing and spatial recognition

Awards/Honors

- Winner of the International Women's Hackathon Spring 2018
- Winner of the Anita's Moonshot Hackathon Spring 2018
- Martin C. Hemsworth Scholarship Spring 2017 - Present
- UNL Engineering Dean's List Fall 2016 - Present
- Chancellor's Scholarship Fall 2016 - Present

Skills

- Experienced in Java, Ruby, PHP, R, LESS, HTML, and C
- Public speaking, presenting, documentation
- Agile thinking and problem solving