

Jacob Sampson

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EDUCATION

University of Nebraska-Lincoln | GPA 4.0

MAJOR: Software Engineering | MINOR: Business Management | *Expected May 2022*

- Jeffrey S. Raikes School of Computer Science and Management: Selective honors program accepting 30-40 underclassmen per year with a curriculum emphasizing the integration of computer programming with business communication and effective leadership
- Dean's List: Fall 2018, Spring 2019

Monticello High School | GPA 4.0 | Valedictorian | ACT 35

SKILLS

Programming Languages

Java | *Experience*

JavaScript | *Experience*

Python | *Basic*

SQL | *Basic*

C# | *by May 2020*

Technologies

Angular | *by May 2020*

Knockout.js

SASS

PIC24

EXPERIENCE

Extron (*a division of Lakeland Companies, a \$100 million company*)

Computer Engineering Intern | May 2019 - Present

- Developed software in C on the PIC24, building a system for dynamic liquid level measurement
- Web development of both an embedded webpage on a PIC24 micro-controller and a .NET client portal
- C, PIC24, JavaScript, SASS

T.D. Ameritrade

Design Studio Intern | January 2019 - April 2019

- Full stack developer helped to build a single-page .NET web application that uses sentiment analysis and data visualization to help business analysts at TD Ameritrade understand and improve client experience
- C#, JavaScript, Knockout.js

Lotus Technical and Lotus Healthcare Solutions

Website Developer | June 2019 - Present

- Websites for Lotus Technical and Lotus Healthcare Solutions, employment agencies in Minnesota
- Displays relevant company information and pulls postings for jobs from an employee-accessed database
- JavaScript, SASS

University of Nebraska, Lincoln Department of Physics and Astronomy

Physics Research Project | December 2018 - Present

- Unpaid research project building a Python application for modeling satellites in geostationary orbit
- Determines the satellite coverage offered by existing telescopes and potential sites for new telescopes
- Python, Numpy

AWARDS

- AP Scholar with Distinction | *College Board*
- Commended Student | *National Merit Program*
- All-State Diving | *Minnesota 2017-18*
- Class A Boys' Athlete of the Year | *Diving 2017-18*
- National Honor Society | *2015-18*
- Captain, Diving and Tennis | *2016-18*