Caleb Ricketts

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EDUCATION

The Jeffrey S. Raikes School of Computer Science and Management (Honors College) at the University of Nebraska-Lincoln. Graduating **May 2021**.

Major: Actuarial Science; **Minors**: Mathematics, Statistics, and Computer Science.

Relevant Coursework: Linear Algebra, Data Structures, Algorithms, Economics (Macro, Micro, International, Fixed Income), Machine Learning I-III, Statistical Multivariate Analysis.

GPA: 3.79 (Dean's List, 4 Semesters).

The Raikes School is a competitive and selective school that combines a business and computer science curriculum while placing great importance on developing innovation and leadership.

WORK AND VOLUNTEER EXPERIENCE

Proxibid Design Studio PM　　　　**Lincoln, Nebraska**　　　　**School Year 2019-2020**
- Leading a group of 5 UNL Juniors and Seniors for a year-long project
- Designing a software solution for Proxibid which enables them to host Multi-Parcel auctions.
- Developing the solution with **React/Material UI**, **Java**, **Jenkins**, and **MariaDB**.

Microsoft Corporation　　　　**Bellevue, Washington**　　　　**Summer 2019**
- Worked as a Software Developer Intern for the Bing Maps Local division.
- Created a new client-facing mobile framework that utilizes previously existing views.
- Unified Bing Maps' desktop and mobile styling to allow seamless user transitions.
- Developed the framework and styling with **C#**, **.NET Framework**, **Razor**, **HTML/CSS**, and **JavaScript/TypeScript**.

Zillow Group　　　　**Lincoln, Nebraska**　　　　**Summer 2018**
- Interned as a Software Engineer Intern for their Mortech office.
- Developed an internal web application for local developers to track their code in production.
- Gained a deeper understanding of the relationship between databases, client-facing pages, and cloud-based resources.
- Strengthened my skills with **AWS API/Lambdas**, **HTML**, **CSS**, **Python**, and **TypeScript**.

SKILLS

Programming Languages
- Proficient: C#, HTML/CSS, JavaScript, Python, R, TypeScript.
- Moderately Proficient: C, C++, CSHTML, Java, PHP, Razor, Ruby, SQL.

Software
- Adobe Creative Cloud (Photoshop), Angular (Proficient), Apache, Bulma, Django, Eclipse IDE, .NET Stack, Jetbrains IDE, SQL Server 2017, Visual Studio, Visual Studio Code, WampServer.

PERSONAL PROJECTS

World Map
- A world data visualization tool using United Nations data built using Angular, d3, and Bulma.
- Site: https://cmricketts.github.io/worldMap/#/main
- Source: https://github.com/CMRicketts/worldMap

dnd2.0
- A Dungeons and Dragons character creator command line application built in Python.
- Source: https://github.com/CMRicketts/dnd2.0

EXTRACURRICULAR ACTIVITIES

Residential Hall Association: Elected President (2019), Elected Speaker of the Senate (2018), Elected to the Executive Board (2018), **Kauffman Residential Association**: Elected President (2019), Elected RHA Representative (2018), Elected Freshman Representative (2017), **Computing For All**: Professional Development Council Member (2017), **Ballroom Dance**, **Actuarial Science Club**.