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.

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

Relevant coursework: Interest Theory, Finance, Economics (Macro, Micro, International), Machine Learning, Accounting I-II, Probability and Statistics, Computer Science I-III, Calculus II-III.

GPA: 3.82 (Dean's List)

Actuarial Exams:
FM, Scheduled February 2019

EXTRACURRICULAR ACTIVITIES

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

SKILLS

Programming Languages
JavaScript (Proficient), Python (Proficient), Java (Moderate), Ruby (Moderate), C# (Moderate), HTML (Moderate), C (Moderate), TypeScript (Moderate), R (Moderate), PHP (Basic)

Software
Angular (Moderate), Adobe Creative Cloud (Photoshop), Eclipse IDE, Jetbrains IDE, Apache, WampServer x64, Bulma, Django

WORK AND VOLUNTEER EXPERIENCE

Zillow Group   Lincoln, Nebraska   **Summer 2018**

I worked as the Software Development Engineer Intern for their Lincoln office. I helped develop an internally-used website that utilized AWS API's and Lambdas. This project emphasized the relationship between front-end design, back-end architecture, and online integration.

Raikes School Summer Camp TA   Lincoln, Nebraska   **Summer 2018**

I helped teach and mentor 30 high school students at a Raikes-hosted computer science summer camp. I taught the basics of Alice and Java during the day, and was a mentor and Resident Advisor during the evenings, helping keep tabs on the campers and organizing events for their enjoyment.

Realm V Design Intern   Lincoln, Nebraska   **Spring 2018**

I interned on a capstone project for Raikes juniors and seniors for Realm V. I architected and refactored new core functionality, ensured the quality of the database through interlinked data entries, worked with geospatial data tracking, and unit tested every bit of code I created. The project was written in Ruby, and was developed using the Agile Methodology framework.

Wikimedia Update   Lincoln, Nebraska   **Winter 2017**

I worked with a Raikes School alumni to update our Wikimedia-based Raikes Wikipedia site. This involved working closely with the WampServer software, including PHP, MySQL, and Apache.

PROJECTS

World Map
A United Nations world data visualization tool built using Angular, d3, Bulma, and datamaps.
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