

Calvin J. Skalla

Iowa City, IA 52240 • 515.370.4668 • calvin-skalla@uiowa.edu

EDUCATION

University of Iowa- College of Liberal Arts and Sciences **Anticipated May 2021**

B.S. Statistics, B.S. Mathematics. Minor in Sport and Recreation Management

PROFESSIONAL EXPERIENCE

Department of Computer Science, *Research Assistant*, Iowa City, IA **Feb 2021 – Present**

- Assisting Professor Kyle Rector in analyzing text captions using Natural Language Processing of aerobic exercise videos to make working out more accessible to the blind.

Iowa Women's Basketball, *Head Manager*, Iowa City, IA **May 2020 – Present**

- Managing a group of student-managers to prepare a successful Division 1 Sports Team and provide statistical analysis reports for practice daily.

Iowa Women's Basketball, *Student-Manager*, Iowa City, IA **May 2019 – May 2020**

- Learned the operations of a Division 1 Sports Team. Assured practice flowed smoothly.

LEADERSHIP AND ACTIVITIES

Data Science and Statistics Club, *Member* **January 2020 – Present**

- Collaborate with other classmates within my major about the possibilities and opportunities available within data science.

Directed Reading Program, *Mentee* **January 2020 – Present**

- Read mathematical textbooks independently then discuss how to apply these mathematical strategies to the real world. Learning how to apply transformer neural networks in natural language processing.

Sports Analytics Club, *Co-Leader* **November 2018 – Present**

- Guiding a collection of students by teaching them ways to gather data, create visualizations, and develop machine learning algorithms to make predictions in sports.

TOOLS AND SOFTWARES

- R, Python (numPy, sciPy, matplotlib, pandas), SAS, HTML, CSS, Microsoft Office

SKILLS

- Hard-working, Collaborative, Efficient, Fast-Learner, & Leader

References for Calvin Skalla

Kyle Rector

Assistant Professor
University of Iowa Computer Science Department
101K MLH
Iowa City, IA 52240
Kyle-rector@uiowa.edu
353-2542
Kyle Rector is the professor that I assist in her research.

Lisa Bluder

Head Coach
University of Iowa Women's Basketball
N411 Carver Hawkeye Arena
Iowa City, IA 52240
lisa-bluder@hawkeyebasketball.com
(319) 430-7028
Lisa Bluder is the Head Coach of the team I was Head Manager for.

Ugo Nwaigwe

Assistant Coach
Brown University Women's Basketball
Pizzitola Sports Center
Providence, RI 02906
unwaigwe53@gmail.com
(516) 343-6462
Ugo Nwaigwe was the Director of Women's Basketball Operations at the University of Iowa during the 2019-2020 season.

Ryan Gruebel

Video Coordinator/Creative Director
University of Iowa Women's Basketball
N411 Carver Hawkeye Arena
Iowa City, IA 52240
ryan-gruebel@hawkeyebasketball.com
(614) 270-8609
Ryan Gruebel was my boss during my time with Iowa Women's Basketball.