AUSTIN OKRAY

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EDUCATION

University of Wyoming Laramie, WY

Seeking Bachelors of Sciences in Computer Science with Minors in Statistics and Mathematics
Anticipated Graduation Date: Spring 2020

- Undergraduate Research Assistant in the University of Wyoming Machine Learning Group
- Member of Data Science Club
- Member of the Defense Against the Dark Arts (Cybersecurity Club)

WORK EXPERIENCE

University of Wyoming Computer Science Department Laramie, WY

Undergraduate Research Assistant May 2018 – Present

Researching social bias reduction in machine learning models. Research topics include feature selection and kernel methods for bias reduction. Frequently read academic papers to expand my working knowledge in relevant fields and topics. Implemented algorithms from academic papers and previously established methods. Gave presentations on academic papers, progress, and newly researched algorithms.

University of Wyoming Information Technology Laramie, WY

Database Developer May 2017 – Present

Utilized SQL, Groovy, Java, Javascript, HTML, REST APIs, and PL/SQL to implement and maintain various projects. Maintained healthy code structure with Git at both organization level and in small team settings. Worked extensively with third-party (Ellucian) software, documentation, and support tickets to resolve internal University of Wyoming problems. Cooperated frequently with clients to determine and fix problems, and to test solutions.

SKILLS AND ACHIEVEMENTS

- Proficient in Python, R, SQL, Java, Groovy, PL/SQL, Git, Javascript, HTML, and LaTex.
- Knowledgeable in several Python libraries, including scikit-learn, NumPy, and Matplotlib
- Adept at implementing algorithms from scratch, notably machine learning algorithms
- Paper Accepted and Session Chair at IJCNN 2019
- Attended the AAAI'19 conference in Honolulu, Hawaii

RELEVANT COURSES

- COSC 4555: Machine Learning
- COSC 4550: Introduction to Artificial Intelligence
- EE 5490: Convex Optimization
- MATH 4500: Matrix Theory
- STAT 4880: Introduction to Bayesian Data Analysis

REFERENCES

- Available upon request.