Rileigh Bandy

Boulder, CO | rileigh.bandy@colorado.edu

EDUCATION

University of Colorado, Boulder, Boulder, CO   August 2019 - May 2024 (Expected)
Ph.D., Computer Science | Advisor: Rebecca Morrison, Ph.D.

University of Texas at Austin, Austin, TX   August 2015 - May 2019
B.S. in Computer Science | GPA: 3.66/4.0

KTH Royal Institute of Technology, Stockholm, Sweden   August 2018 - January 2019
Study Abroad Exchange

EXPERIENCE

University of Texas, Austin, TX   June 2016 - August 2016, May 2018 - June 2018,
                                                                                         and June 2019 - August 2019

Research Fellow - Section of Computational Materials, under Graeme Henkelman, Ph.D.
- Contributed to the Transition State Atomic Simulation Environment software library global optimization methods (http://theory.cm.utexas.edu/tsase/)
- Helped create a database for sharing collaborative results (http://fri.ices.utexas.edu/~fri/fridb_GO/server.py)
- Experienced in reading and interpreting peer reviewed literature

Institute of Pure and Applied Mathematics, Los Angeles, CA   June 2018 - August 2018
REU Participant - Research in Industry Projects for Students, Industry Sponsor: HRL Laboratories, LLC
- Employed a data science approach and machine learning to simulated additive manufacturing

Electric Reliability Counsel of Texas, Taylor, TX   May 2017 - December 2017
Cyber Security Intern, Manager: Drew Bosner
- Improved the company's security posture through the creation of an automated Open-Source Intelligence program that alerts security analysts of threats to the company or its personnel on the Clearnet and dark web
- Created educational phishing exercises

AWARDS & DISTINCTIONS
- Chevron Scholarship recipient in Fall 2018
- Winner of the 2018 Student E-Poster Competition in the Technology, Engineering, and Math category at the American Association for the Advancement of Science (AAAS) annual meeting
- Recipient of the Swedish Excellence Endowment to study abroad at KTH Royal Institute of Technology in Stockholm, Sweden in Fall 2018