

ANDREW BRADBERRY

OBJECTIVE

To obtain a position as a software engineer.

EDUCATION

B.S. IN CYBER ENGINEERING | LOUISIANA TECH UNIVERSITY 2015-2019

- **Major:** Cyber Engineering Minor: Mathematics, Computer Science
GPA: 3.76 In Major: 3.91
- **Related coursework:** Software Engineering, Advanced Data Structures and Algorithms, Computer Network Security, Artificial Intelligence.
- **Senior Design Project:** Led group of Cyber Engineering seniors in design and production of CAPIRS, a package that provides counter-adversarial support to existing computer vision tools.

INDEPENDENT PROJECTS

- Fall 2016: Implemented genetic algorithms using Java in the design of optimal truss systems in order to win College of Engineering and Science competition.

PROFESSIONAL EXPERIENCE

SOFTWARE RESEARCH ENGINEER - RADIANCE TECHNOLOGIES 2019-

- Developing and analyzing novel algorithms for reasoning over OWL ontologies, allowing our reasoner to operate faster at a larger scale with more expressive logic.
- Improving data entry process and user interface design for Java application, allowing non-technical personnel to take over data entry.

DATA SCIENCE INTERN - CENTURYLINK 2018-2018

- Led project on analysis of large amounts of diagnostic data. Utilized various machine learning libraries, such as Tensorflow and Scikit-learn, and big data tools, such as Hadoop, Spark, and Hive, in order to predict and identify failures in a large network while reducing cost.
- Assisted in the implementation of a data-collection pipeline through the interaction with subject matter experts and design of an interface for feedback.

TUTOR - LOUISIANA TECH UNIVERSITY 2015-2018

- Assisted students in subjects such as computer science, engineering, physics, and mathematics. Broke down and explained key concepts, often to students with little to no previous technical knowledge or experience.

ACTIVITIES AND HONORS:

- Conference USA Commissioner's Honor Roll 2015-2017, Louisiana Tech Honor Roll 2015-2019, Louisiana Tech President's Honor List 2016-2019.



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Ruston, LA

TECHNICAL SKILLS

Python



Java



C#



C++



C



SQL



Git/Github/GitLab



MongoDB



SOFT SKILLS

Leadership



Communication



**ACTIVE DOD SECRET
SECURITY CLEARANCE**