ANDREW BRADBERRY

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📍 Loveland, CO

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, Operating Systems, Computer Networks, Distributed and Cloud Computing, Adv. Data Mining, Statistics, Artificial Intelligence, Reverse Engineering, Calculus I-IV, Differential Equations, Linear Algebra, Number Theory, Discrete Mathematics.
- **Senior Design Project**: Leading group of Cyber Engineering seniors in design and production of CAPIRS, a package that is to provide 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

DATA SCIENCE INTERN AT CENTURYLINK   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 AT LOUISIANA TECH UNIVERSITY   2015-2018

- Assisted students in subjects such as computer science, engineering, physics, and mathematics. Emphasized approaches to problem solving by modularization. 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 2015-2018, Louisiana Tech President's Honor List 2016-2018.
- Regular participant in Game Jams, designing games in the Unity game engine in short periods of time.

TECHNICAL SKILLS

Python

Java

C#

C++

C

SQL

Python Data Science Tools

Hadoop Ecosystem

SOFT SKILLS

Leadership

Communication

ACTIVE DOD SECRET SECURITY CLEARANCE