Ethan Tillotson

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Experience

Paycom Summer Internship Program (*May 2022-July 2022*)
- Attend multiple weeklong sessions run by Paycom Recruitment.
- Programming workshops instructed by professionals working at Paycom.
- Professional Development and resume building help was provided.

President , Housing Student Association (HSA) - University of Oklahoma (*2021-Present*)
- Oversee the team which represents all students living on campus (about 6000)
- Responsible for recruitment event efforts, including small scale recruitment programs.
- Lead the Executive team and ensure duties are carried out to their fullest.

Undergraduate Teaching Assistant - University of Oklahoma (*2021-Present*)
- Teaching Assistant for the Director of Academic Processes Analysis, Dr Bogaski
- Provided direction and guidance to the 40 students enrolled in the course.
- Use proficient knowledge to assist in grading assignments within the class.

Skills

- Programming Languages
  - Java
  - C++
  - JavaScript, HTML / CSS
- Github & Git
- Data Structures and Algorithms

- PCB Schematic and Manufacturing
- Electrical Circuit Analysis
- Signals and Filtering
- Multisim, Eagle, CAD
- Autonomous Robotics
- Team Development and Leadership

Education

University of Oklahoma - Bachelor of Science in Computer Engineering (*2020-Present*)
72 Current Credit Hours
- Undergraduate Research Assistant for Dr Maiti.
  - Machine Learning in detecting web page contents through metadata.
- Engineers' Club member
- OU Artificial Intelligence / Machine learning club member
  - Share resources, thoughts and ideas. Discuss the future of AI/ML with peers.
- Sooner Rover Team
  - Autonomous Driving team

Projects and Certifications

LinkedIn Skill Assessments in: *'Object-Oriented Programming (OOP)'*   *(April 2022)*
                                                            'Java'   *(May 2022)*
Code Academy Course completed in utilizing *'HTML and CSS'* in designing Web Pages. *(May 2022)*
Twitter User Activity Tracker Project
- Receive a dataset of a 100x100 matrix of Twitter Users and their interactions on the app
- Iterated through the matrix and calculate the most active and influential twitter users