Logan O'Neal

865-318-1207 | logan.oneal@outlook.com | loganoneal.com

EDUCATION

The University of Tennessee   Knoxville, TN
Bachelor of Computer Science   *Aug. 2020 – Present*

- 4.0 GPA
- Haslam Scholars Program
- Cook Grand Challenge Engineering Honors Program
- Mensa Foundation and Burger King Scholar

WORK EXPERIENCE

Undergraduate Research Assistant   June 2020 – Present
The University of Tennessee   *Knoxville, TN*

- Developed and managed back-end geo-location information data collection system
- Increased machine learning model precision by refining data collection protocols and automation

High Performance Computing Intern   May 2019 – August 2019
Oak Ridge National Laboratory, Leadership Computing Facility   *Oak Ridge, TN*

- Developed a deep learning application used to educate the public about the power of artificial intelligence.
- Attended regular meeting, wrote papers, and managed deadlines for a team.

Web Developer   August 2019 – October 2020
Independent

- Developed front-end aesthetically pleasing websites and back-end e-commerce systems
- Worked with clients to increase website traffic and sales

Cashier   August 2017 – December 2019
Food City   *Jefferson City, TN*

- Gained customer service and retail skills

LEADERSHIP EXPERIENCE

FIRST Robotics Team Captain and Programming Lead   August 2016 – May 2019
FIRST Robotics   *Knoxville, TN*

- Worked to more than double the size of the team through organizing recruitment events
- Expanded team outreach efforts to more rural and less fortunate communities

CodeTN Team Lead   August 2017 – May 2019
L&N STEM Academy   *Knoxville, TN*

- Led a team developing mobile and web applications to solve problems in our local community

ORGANIZATIONS

Tennessee Capital Markets Society *Member*	**Collegiate Entrepreneurs' Organization** *Member*
UTK Machine Learning Club *Member*	**Intramural Kickball and Soccer** *Team Captain*

PROJECTS

E-Bike ML Study | *Python, MySQL, Firebase, Google Cloud*   June 2020 – Present

- Implemented and refined machine learning based algorithms
- Automated many time consuming tasks via integrated Firebase functions

Smoky Mountain Jeep Invasion Website | *NodeJS, MySQL, Square API, Git*   August 2019 – July 2020

- Developed front-end and back-end of website
- Integrated an automated email system and SEO techniques to increase user interactions

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, HTML/CSS
Frameworks: React, Node.js
Developer OS/Tools: Linux, Git, Google Cloud, AWS, VS Code, Visual Studio, Firebase
Libraries: Pandas, NumPy, Matplotlib, OpenCV