SURYA PARTAP SINGH

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EDUCATION

University of North Alabama, Florence, Alabama   December 2020
Computer Science: Bachelor of Science
Relevant Coursework: Calculus I, Calculus II, Applied Statistics, Computer Networking, Data Structures, Advance Database Management Systems, Artificial Intelligence
Scholarship: Navigator Scholarship, International Student Scholarship, Prime Minister Scholarship

TECHNICAL SKILLS

Programming Languages: C++, Python, Java, Go
Databases: MySQL, Oracle Database, Microsoft SQL Server
Concepts & Libraries: Machine learning, Classification, Regression, Pandas, NumPy, TensorFlow, Sci-kit learns, Python libraries, Scrum Methodologies, Agile Methodologies
Tools & Technologies: HTML, CSS, SQL, PHP, R, Linux, Android Studio, Oracle VM Virtual Box, VMware Workstation, Git
Web Technologies & Frameworks: Google cloud, Django, Flutter, Flask, Bootstrap, JavaScript

WORK EXPERIENCE

University of North Alabama, Florence, Alabama   September 2020 – Current

Computer Science Tutor
- Facilitated effective communication with professors, organizations, and mentoring students.
- Held weekly office hours and led data structure review sessions weekly.
- Aided underclassmen in further understanding fundamental Computer Science classes in C++, Python, and in data structures.

Teksoft India Pvt Ltd, Ambala, India   June 2018 – September 2018

Java Developer Intern
- Developed program logic for new applications and modified logic in existing applications.
- Modified, coded and tested software applications in Java.
- Made recommendations towards the development of new code.
- Completed project assignments and special projects commensurate with job expectations.

PERSONAL PROJECTS

Movie Recommender(Recommender)   [Flask][Python][September 2020]
- Website which recommends movie based on the searched movie.

Personal Website(suryasingh.me)   [JavaScript][June 2020]
- Website created using Bootstrap and JavaScript. Displays my web presence, story, work experience, education, projects, achievements, and contact information. Hosted on google cloud.

Image Recognition using Drone (Eagle Eye)   [TensorFlow, Python] [March-April 2020]

- Image classification to recognize images and reinforcement learning was used along with the neural network to make the drone autonomous.

WC Handy Music Festival App   [Dart, Flutter] [Feb-March 2020]
- Application developed for the WC Handy festival which happens in Florence, Alabama. Researched and created an Android app with an updated database for the event.

ACTIVITIES AND VOLUNTEER EXPERIENCE

- **Navigator** and International student ambassador at the University of North Alabama.
- **Officer**, ACM, University of North Alabama.

CERTIFICATES

- Programming with Python for Data Science, Microsoft, edx
- Introduction to Computer Science and Programming Using Python, MIT, edx
- Divide and Conquer, Sorting and Searching, and Randomized Algorithms, Stanford University, Coursera