Jaskeerat Brar

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Education

University at Buffalo | The State University of New York *August 2016 – Present*
Bachelor of Science in Computer Science | Minor in Mathematics **Expected Graduation, May 2020**

Skills

Programming: Java | Python | C++ | JavaScript | React | Docker | TensorFlow | Git | Swift | Apache Airflow
Coursework: Software Engineering | Cyber Security | Machine Learning | Systems Administration | Algorithms

Experience

rprt LLC | Buffalo, NY *September 2019 – Present*
Data Engineer Intern
- Developed ETL workflow development for a centralized data hub project using Airflow
- Automated a Selenium plugin to perform a task daily
- Participated in early-stage requirements gathering for an enterprise data integration project

Department of Physics | University at Buffalo *January 2019 – May 2019*
Research Assistant, Particle Physics
- Developed a neural network to identify jets from particle collisions
- Represented research lab and presented research at UB academic excellence event

Network and Communications Services | University at Buffalo *May 2017 – Present*
Student Technician, Network Engineering
Department responsible for design and engineering of network architecture for 3 campuses
- Configured, installed and analyzed data of access points. Created fast and effective install procedures
- Led and mentored a team of 7 student assistants for WIFI boost project
- Solved and catered to client's issues through Salesforce ticketing system

Projects

Shuttle Finder *React Native*
A bus tracker mobile application developed using agile software development
- Created landing page for mobile application and engineered backend data for refining user queries
- Developed unit tests for UI and backend functionality using Jest

Data Science
- Created commands for scalable problems in Differential Equations and Linear Algebra courses *Maple, Python*
- Implemented a Recurrent Neural Network and Deep Learning for MNIST quickdraw dataset *Python, TensorFlow*

Software
- Developed a user login page for an iOS application *Swift, Firebase*
- Collaborated towards developing a fractal visualization software in Java *Java*
- Designed personal website for a capstone project. Used Git for version control *Bootstrap, HTML, CSS*

Activities

Scholarship: Recipient of University at Buffalo Merit Scholarship
Clubs: Inve[n|s]t | Badminton Club | Intramural Soccer
Member: SHPE - State University of New York Chapter, Sikh Student Association