Surina Puri

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OBJECTIVE
To obtain full time position in big data analytics, machine leaning, or healthcare informatics

EDUCATION
Georgia Institute of Technology, Atlanta, GA   Fall 2014 - May 2018
- Candidate for Bachelor of Science in Computer Science
- GPA: 3.46
- Areas of Focus/Threads: Intelligence (artificial intelligence) and People (ubiquitous computing)

HONORS AND AWARDS
- CRA-W (Computing Research Association - Women) Grace Hoper Research Scholar 2017
- Second Position in Undergraduate Research Poser at Southeast Women in Computing (SEWIC) Conference 2015
- Dean's List for Spring 2017, Fall 2016, Spring 2016, Spring 2015

WORK EXPERIENCE
Research Intern at NSF Big Data Analytics REU, Washington University in St. Louis   May 2017 - August 2017
- Awarded research intern position through CRA-W's Distributed Research Experience for Undergraduates program
- Developed algorithm for next generation visualizations that asset users' during their analysis task
- Used machine learning to predict users' interactions; achieved 80% accuracy in predicting user's interest
- Selected to present this research at Grace Hoper Conference 2017

Data Analytics Intern, Freeing Returns (Lillii- Retail IT Services Company), Atlanta, GA   May 2016 - August 2016
- Researched and identified patterns in fraudulent merchandise returns
- Incorporated new features in the fraud detection software using big data analytics

UI/UX Intern, Tata Elxsi, Bangalore, India   May 2015 – August 2015
- Conceptualized new in-car navigation application for connected car infotainment
- Designed UI, wireframes and work flow for the application
- Future usage of application acknowledged by Tata Elxsi's automobile clients

RESEARCH EXPERIENCE
Undergraduate Research Assistant, Center for Operational Research in Medicine and Healthcare   January 2017 - Present
- Collecting observations and building models for optimization of medical procedures/scheduling systems
- Using data analytics and machine learning to analyze hospital records and patient data

Undergraduate Research Assistant, Augmented Environments Lab Georgia Tech   January 2016 - May 2017
- Developed augmented-reality historic city tour experience for Malmo, Sweden, to be showcased in Malmo museum
- Contributed responsive audio/video features using Aframe and Vuforia to the augmented-reality historic tour application

PAPER/POSTER PRESENTATIONS
- Presented research poster titled *A Data Modeling Approach to Predict Users' Intentions with Visualization Systems* at CSE REU Washington University in St. Louis, August 2017
- Presented research poster on augmented reality locative story-telling for Malmo, Sweden at GVU - Graphics, Visualization and Usability Center Research Showcase, Georgia Tech, November 2016
- Presented research poster on applications for connected car infotainment systems at Southeast Women in Computing Conference, November 2015

SKILLS
CS Skills: Java, Python, JavaScript, Machine Learning, Python Scikit learn, UI/UX Design and Development, JavaFX, HTML, CSS
Relevant Courses: Intro. to Artificial Intelligence, Machine Learning, Computer Vision (in progress), Research Methods, User Interface Design and Evaluation, Objects and Design

EXTRACURRICULAR / LEADERSHIP
Team Leader CS 1100   January 2017 - May 2017
- Selected to help students get oriented to college of computing and settled both academically and socially

Girls Who Code, Volunteer   July 2016 - August 2017
- Taught introduction to computing and mentored middle school girls to develop a portfolio using Scratch and Python