

OBJECTIVE

To obtain full time position in big data analytics, machine learning, 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 Poster Presentation at Southeast Women in Computing 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 assist 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, 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 audio/video features to the augmented-reality historic tour application using Aframe and Vuforia

RESEARCH PAPER/POSTER PRESENTATION

- Ottley, A. , Wan, R. , Puri, S., and Garnett, R. (2017) *Inferring Interest and Intent from Interaction*. Manuscript submitted for publication.
- Presented research poster titled *A Data Modeling Approach to Predict Users' Intentions with Visualization Systems* at CSE REU Symposium Washington University in St. Louis, August 2017
- Presented research poster titled *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