APRAJITA SHUKLA (208)-391-9680 | aprajitashukla0407@gmail.com | Female

EDUCATIONAL QUALIFICATION

* **Boise State University**, Boise, ID Aug 2016 – Present

**Master of Science – Computer Science (Data Science Track)** GPA: 3.25 / 4.0

Relevant Coursework – Introduction to Data Science with R, Natural Language Processing, Information Retrieval, Human Computer Interaction, Computer Architecture, Databases, Computer Networks

* **SRM University**, Chennai, India Aug 2008 – May 2012

**Bachelor of Technology – Computer Science and Engineering** GPA: 8.5 / 10

WORK EXPERIENCE

* CS121: Java Programming

Teaching Assistant (Lead) with Dr. Jerry Fails and Professor Jim Conrad Aug 2017 – Dec 2017

* Improving Spoken dialogue Systems Using Machine learning and GUIs Aug 2016 – Dec 2017

Research Assistant with Dr. Casey Kennington

TECHNICAL SKILLS

* Programming Languages and Libraries:

Proficient: Java

Familiar: R, Python, JavaScript, HTML, CSS, C, NLTK, GraphLab, Tidytext, dplyr

* Software Tools: Eclipse, IntelliJ, Latex, Git, Jupyter Notebook, Android Studio, MS Office.

ACADEMIC PROJECTS

* Predicting Sarcasm in Amazon Reviews using Python, R and the GraphLabs library
* Predicting the stock market trends in the future by analyzing data from past three years
* UltaFit Fitbit gaming App for kids, where kids have to exercise and make friends in order to win
* Used machine learning to improve a digital personal assistant that helps find restaurants in Boise
* Designed an RFID tollgate system for controlling traffic congestion and sending car theft alerts

PUBLICATIONS, POSTERS AND CONFERENCES

* “A Graphical Digital Personal Assistant that Grounds and Learns Autonomously - Dr. Casey Kennington & Aprajita Shukla” In 5th Human-Agent Interaction (HAI) Conference, Oct 2017
* Poster on “Supporting Spoken Assistant Systems with a Graphical User Interface that Signals Incremental Understanding and Prediction State” BSU Graduate Showcase, Aug 2017
* Poster on “Flexibility in Providing Clarification Requests in Personal Assistants” Presented at the Grace Hopper Conference (GHC) held in October 2017

THESIS

* “Grounding and Memory without Training”

In this work, we try to implement conversational grounding through self-annotation in a data-driven system having a chatbot interface. Our goal is to find that we get better results when correct user interactions are used as training examples to train the model thereby not requiring initial large amounts of data

ACHIEVEMENTS

* Received Graduate Assistantship for the duration of masters program.