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, 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: C, Python, R, JavaScript, HTML, CSS, 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 GraphLabs library
* Predicting the Stock market Trends in the future by analyzing past data
* UltaFit Fitbit gaming App for kids, in which kids exercise and make friends in order to win
* Improved a digital personal assistant used to help find restaurants in Boise
* Designed 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” has been accepted at the Human-Agent Interaction (HAI) Conference held in Oct 2017
* Supporting Spoken Assistant Systems with a Graphical User Interface (GUI) that Signals Incremental Understanding and Prediction State. Presented at Boise State University Grad Showcase 2017
* Flexibility in providing clarification requests in personal assistants. Presented at the Grace Hopper Conference (GHC) held in October 2017

## Related projects

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| Degree | Projects | Description | Period |
| Masters | Appointments | * **Graduate Research Assistant, Boise State University**: Developed a conversational grounding mechanism in a personal assistant - amBrOISEa  The mechanism supports in finding places of significance like restaurants, parks and bus station in a particular area * Graduate Teaching Assistant, Boise State University (Java Programming) | August-2016 |
|  |  | Oct-2017 |
|  |  | Aug-2016 to Oct-2017 |
| Posters | * Supporting Spoken Assistant Systems with a Graphical User Interface (GUI) that Signals **Incremental Understanding and Prediction State** * Flexibility in providing clarification requests in personal assistants. Presented at the Grace Hopper Conference (GHC) | Aug-2017  Oct-2017 |
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## Position of Responsibility

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| DEGREE | POSITION | PERIOD |
| Masters | Member of the ACM-W Club | Since Aug ‘16 |
| Member of the BSU-SLIM team | Since Aug ‘16 |
| B.Tech | Committee Member And Organizer For Various Events In University’s Technical And Cultural Fests | 2008-12 |