

Rachel Ann Rosalia

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Education

Georgia Institute of Technology - Bachelor's of Computer Science

Aug 2012 – Aug 2015

- Theory and intelligence threads

GPA: 3.94

Skills

Languages Python, Javascript, Java, MySQL, R

Frameworks Numpy, Scikit-learn, D3, Express, Node

Experience

Google, Gsuite Apps for Work – Software Engineer, Site Reliability

May 2016 – Present

- Built systems for backups, restore testing, and data integrity
- Designed a framework for standard cron job monitoring across Gsuite and managed two interns in implementation
- Trained global team of about 60 people in GoogleSQL logs analysis
- Participated in an active Tier 1 oncall rotation
- Managed logistical planning of the personal development track for the Google 2017 Women in 24x7 Summit

Socially Intelligent Machines Lab – Graduate Research Assistant

Aug 2015 – Dec 2016

- Researched active learning from demonstration with multiple unique teachers
- Developed algorithms to perform clustering across many reference frames

Palantir – Forward Deployed Engineer Intern

May 2014 – Aug 2014

- Designed a platform to perform configurable data conversions between a custom search application and the primary product

Socially Intelligent Machines Lab – Undergraduate Research Assistant

Jan 2014 – May 2015

- Researched algorithms to determine quality of teachers in crowdsourced learning from demonstration environments
- Created a visualization for robotic state representations
- Implemented Petri nets to represent transitions between states within the context of robot and human interaction

Teaching Assistant – Data Structures and Algorithms, Intro to AI

Aug 2013 – May 2015

- Held weekly 20-student recitations and office hours for 150 students
- Designed and graded quizzes and homework

athenahealth – R&D Intern

May 2013 – Aug 2013

- Applied clustering techniques to help determine how medical practices could measure their success compared to peers

Projects

TabTree Chrome extension for tab tracking and visualization to explore topics

Buzzmobile Self-driving car entry into the Georgia Tech parade from the AI Club

MentorWeb Web app to match mentors and mentees in the GT BME program

Adventure! Android application for location based note sharing