# Samuel Randall

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## EDUCATION

**The University of Texas at Austin**, Austin, TX                    May 2019
*BSA in Computational Linguistics*
Certificate of Computer Science with Concentration on Machine Learning

**CAMPUS INVOLVEMENT -** CS Mentor, CS Project Lead

**HONORS AND AWARDS -** Dean's List, President's List

## SKILLS

- **Technical/Computer**: Data Analysis using Python, Web Development using Flask and NodeJS, IOS Mobile Development using Swift; Exposure to Google Cloud Platform, Amazon Web Services, SQL, Salesforce

- **Project Management:** Jira, Slack, Git, Scrum

- **Certifications:** Payment Card Industry Data Security Standard (PCI DSS)

## EXPERIENCE

**Rackspace**, San Antonio, TX                    Summer 2016 - Full time
*Software Development Intern*
- Obtained expertise in software migration, implementing Rackspace.com to new web framework in Drupal 8.
- Proposed and initiated practice/style improvements into existing frameworks and systems using maintainable CSS and Javascript.
- Developed web applications for business units using Salesforce Live Agent for chat and routing.

**The University of Texas at San Antonio**, San Antonio, TX                    Fall 2016 - Part time
*Computer Science Tutor/Mentor*
- Guided students in the Computer Science lab on programming topics and assignments at all levels.
- Worked with professors of Computer Science to screen exams and assignments to ensure a reasonable yet challenging standard.

## PROJECTS

- **Books Library Website** - GCP Hosted Catalog Site (Python, SQL, Jenkins CI)
  - A book directory site using Flask with continuous integration, SQL Database, SQLAlchemy as ORM
  - Over 150 pages generated on request harnessing and displaying data relevant to each book
- **Collatz Solver** - CS Course Project (Java, GitLab CI, Object Oriented Programming)
  - Solves Collatz conjecture that given any real number, by following the Collatz process will always reach a constant value.
- **Frontend Style Guide** - Rackspace Style Guide (Javascript, Maintainable CSS, HTML)
  - A Bootstrap theme and component corpus for marketing brand following a strict CSS methodology.
- **Chatbot** - Rackspace Salesforce Platform (Salesforce Einstein, Apex)
  - Utilized Salesforce Einstein learning platform to train a chatbot for support/sales routing to agents.
  - Established a seamless transition for the user to not interrupt chat during routing while sending useful data collected by the bot to agent.