Lucas **Silver**

52 Lincoln Terrace Harrignton Park, NJ 07640

201-294-9206 | lis32@cornell.edu | lag47

Education

Cornell University, College of Arts and Sciences   *Ithaca, NY*

Computer Science Major/Math Minor, GPA 4.00   *Aug. 2015 - Exp. May 2019*

- CS 1110- Intro Computing Using Python
- CS 2043- UNIX Tools and Scripting
- CS 2112- Honors Object Oriented Design and Data Structures
- CS 2800- Discrete Structures
- CS 3410- Computer System Organization
- Math 2210- Linear Algebra
- Math 2220- Multivariable Calculus
- Math 4130- Honors Intoduction to Analysis

Experience

Cornell University Computer Science Department   *Ithaca, NY*

Teaching Assistant For CS 2112- Honors Object Oriented Design and Data Structures   *Aug. 2016 - Dec. 2016*

- Held Office Hours for students seeking help understanding lecture topics and completing programming assignments.
- Responsible for grading portions of exams and weekly problem sets.
- Assisted in leading weekly Lab section
- Answered questions posed online through Piazza Q&A platform.

American Museum of Natural History   *New York, NY*

Tech Intern For Director of Astrovisualization at Rose Center For Earth and Space   *Sep. 2014 - Aug. 2016*

- Proccessed Stereo Image data from Mars Exploration Rovers to 3D models using NASA Ames Stereo Pipeline.
- Identified and provided fix for persistent shading bug in Ames Stereo Pipeline .obj exporter.
- Responsible for researching and utilizing new technologies useful for obtaining 3D models of Martian terrain.

Kesher Reform Judaism at Cornell University   *Ithaca, NY*

Board Member   *Jan. 2016- Present*

- Helped to plan and organize events such as a havadalah ceremony and hamantaschen baking.
- Organized and led weekly Shabbat services
- Organized and led yearly Passover Seder.

Skills

Java

Python

C/C++

BASH/UNIX

Latex

JSON

Eclipse IDE