

Ryan Gao

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Github: github.com/rgao

Education

B.A. Astrophysics, UC Berkeley, 2016

- GRE: 161 Verbal, 168 Quantitative, 4.0 Writing

Temple City High School, 2011

- SAT: 800 Math, 750 Verbal, 750 Writing

Experience

Breakthrough Listen internship, Berkeley SETI, 05/2016-08/2016

Algebra Tutoring, ACL, Winter 2011

Relevant Coursework and Additional Work

- Radio Astronomy Lab (Spring 2014) • Cosmology (Spring 2015) • Stellar Physics (Spring 2016)
- Quantum Mechanics (2013-2014) • Planetary Science (Spring 2014)
- Optical Astronomy Lab (basics - simulation; 2017)

Skills and Tools

Programming:

- Python (experienced), • IDL • Jupyter Notebook
- C++ (basic) • Javascript (basic) • HTML/CSS (basic) • SQL (basic)
- Windows and Linux (Ubuntu) navigation
- Github

Technical Tools and Editing:

- GNU Radio
- LaTeX • Emacs and Vim
- Microsoft Word and Powerpoint • Prezi
- Telescope operation: setting coordinates and retrieving data

Languages:

- English (primary/proficient) • Mandarin (basic)

Personal

- U.S. Citizen since 2005
- NY Resident for 7 years; CA Resident since 2007; visited over 10 states
- Originally from Guiyang, China