

Gage Siebert

Curriculum Vitae

PERSONAL DETAILS

Birth March 16, 2000
Address N9646 Lakeshore Dr., Van Dyne Wisconsin
Phone 1 (920) 479-0231
Mail siebertgage@gmail.com

EDUCATION

University of Wisconsin-Madison

2018-2022

Physics Major

Current GPA: 3.917. Liebenburg Research Award recipient. Firminhac Physics Award recipient. Kemper K. Knapp scholarship recipient.

Weyauwega-Fremont High School

2014-2018

Graduated Salutatorian. University of Wisconsin-Stevens Point Dean's Distinguished Achievement Award winner (for courses taken during high school).

WORK EXPERIENCE

Research Assistant

2019-Present

Observational Cosmology Lab, Tianlai Project, EXCLAIM

Simulated Tianlai radio telescopes to model beam patterns. Wrote code to characterize the Tianlai interferometer data. Currently also working on simulating optics of EXLCAIM.

Summer Intern

2019

Arecibo Observatory

Observed with Arecibo 305 meter telescope and performed single pulse analyses on millisecond pulsars J1022+1001 and J1713+0747. Presented work at American Astronomical Society conference in January of 2020 and a paper, Siebert et al., is in preparation.

Research Assistant

2018-2019

Baum Lab, Origin of Life Project

Performed environmental selection protocol. Created MATLAB simulations of environmental selection experiment and catalytic networks, in an effort to model data.

SKILLS

Software Latex, Linux/Unix, Mathematica, MATLAB, Office, Python, DSPSR, PSRCHIVE, PSRSALSA

Relevant Electromagnetism I

Coursework Mechanics

Applied Mathematical Analysis I and II