

Gage Siebert

Curriculum Vitae

PERSONAL DETAILS

Birth March 16, 2000
Address N9646 Lakeshore Dr., Van Dyne Wisconsin
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EDUCATION

University of Wisconsin-Madison 2018-2022
Physics and Math Majors
Current GPA: 3.917. Undergraduate Research Scholar program participant.

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
Simulated Tianlai radio telescopes to model beam pattern of dishes. Wrote code to assess the quality of Tianlai interferometer data and to characterize anomalies.

Summer Intern 2019
Arecibo Observatory
Observed with Arecibo 305 meter telescope and performed single pulse analyses on millisecond pulsars J1022+1001 and J1713+0747. Work will be presented 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.

Maintenance Staff 2018
Agropur Dairy, Seasonal Staff
Performed maintenance on factory machinery. Organized and cataloged part inventory by hand and with forklift.

SKILLS

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

<i>Relevant</i>	Electromagnetism I
<i>Coursework</i>	Mechanics
	Applied Mathematical Analysis I and II
	Linear Algebra and Differential Equations
	Analytical Chemistry
	Stars and Stellar Systems (UWSP)
	Calculus III

AWARDS

Liebenburg Family Research Award
Firminhac Physics Award
Kemper K. Knapp Scholarship
Arnold P. Stamm Scholarship
Manawa Lodge Scholarship