

William Fuelberth

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PROFILE

Student at the University of Iowa triple-majoring in physics, astronomy and mathematics with a passion for research and learning in general.

WORK EXPERIENCE

Undergraduate Researcher, University of Iowa Physics and Astronomy Department; Iowa City, IA 01/2016-Current

I am working with a team to design and construct a satellite. I have been involved in the testing of the scintillator-based anti-coincidence detector as well as working on other general project details, specifically thermal testing different instruments and developing python code for analyzing our data. 10-12 hours per week during the school year and 35-40 hours per week in Summer 2016 and 2017.

General Employee, Ferguson's Garden Center; Spirit Lake, IA 04/2011-Current

I worked during the summers at Ferguson's Garden Center helping wherever was necessary. My daily tasks included, but were not limited to: helping customers carry heavy items, working at the register, watering plants, planting trees and delivering planters. 35-40 hours per week during the summer prior to 2016. I still work occasionally when back from school.

General Employee, Sami Bedell Center for the Performing Arts; Spirit Lake, IA 2011-2015

I worked whenever the Sami Center needed assistance for shows that had traveled into the area. I helped with stage setup as well as running rigging or lighting. Hours varied.

EDUCATION

University of Iowa, Iowa City, Iowa — Candidate for Bachelor of Sciences in Physics, Astronomy and Mathematics, University Honors, Major Honors; May 2019.

Notes: 4.07 Current University GPA, 2 Honors Contract Courses plus 3 listed Honors Courses including first-year seminar, Independent Study Research on General Relativity for no credit in Fall 2017 on top of undergraduate research work described above.

Spirit Lake High School, Spirit Lake, Iowa — National Honor Society, Graduated with Honors, Presidential Service Award, Valedictorian, Class Vice-President; May 2015

Notes: 4.00 High School GPA, 41 semester-hours of college credit completed

FELLOWSHIPS AND AWARDS

Summer 2016 and Summer 2017 ICRU Fellowship, Summer 2016 Van Allen Research Grant, 2016 and 2017 NASA Iowa Space Grant Consortium Scholarship, Bill and John Fenton Scholarship, Guy D. and Betty J. Williams Scholarship, Rainbow Science Award, UI Iowa Scholars Award, UI Old Gold Scholarship, President's List Student (Spring 2016, Fall 2016, Spring 2017, Fall 2017), Dean's List Student (Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017), Iowa Governor's Award, Selected for the Vocal All-State Choir, Best of Center Vocal Solo Contest, Helping Hands Scholarship, John Phillips Sousa Award

CURRENT EXTRA-CURRICULAR ACTIVITIES

UI Hawkeye Marching Band Member (Undergraduate Staff), 24:7 Campus Ministry Leadership (Vice-president, worship team leader, Freshman small group leader), Iowa Pep Band Member, Volleyball Pep Band Member, Intramural Participant (Indoor and Outdoor Soccer, Singles and Doubles Tennis, Ultimate Frisbee, Disc Golf), Dance Marathon Participant

PAST EXTRA-CURRICULAR ACTIVITIES

UI University Choir Member, Concert Band Member, Meistersingers Choir Member, Marching Band Member and Section Leader, Show Choir Member, Vocal Jazz Member, Jazz Band Member, Drama Department Member, Individual and Large Group Speech Participant, Cross-Country Participant, Tennis Participant

MEMBERSHIPS/SCHOLARLY SOCIETIES

Phi Beta Kappa Society Member, National Society for High School Scholars (NSHSS) Member, National Honor Society (NHS) Member, UI Honors Program Member

CURRENT CAREER/FURTHER EDUCATION GOALS

I plan to pursue a PhD in astrophysics. After graduate school, I would like to teach upper-level physics courses at a university and conduct research, specifically theoretical.