

ANTONI WELLISZ

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EDUCATION

University of Chicago Chicago, IL
Candidate BS Molecular Engineering
Minor in Computer Science
GPA: 3.86
September 2020 - June 2024 (*Expected*)
Awards and distinctions: *National Merit Scholar* (2020), *University Scholarship* (2020 - 2024)

WORK EXPERIENCE

UChicago Physics Department Chicago, IL
Research Assistant November 2021 - Present

- Assist Dr. Henry Frisch of the Particle Physics department in filing a patent for a novel large-area photocathode detector for measuring time-of-arrival of relativistic particles
- Create Monte Carlo simulations in Python to test the viability and efficiency of different photocathode array configurations

Sereno Fossil Lab Chicago, IL
Lab Assistant November 2021 - Present

- Clean, catalog, sort, and transport fossils and artifacts in preparation for moving the lab to a new building

UChicago IT Services Chicago, IL
TechBar Support Specialist May 2021 - December 2021

- Diagnosed and resolved a variety of software, hardware, and connectivity issues
- Assisted staff and students on campus with accessing and using University tech resources

DC Bilingual Public Charter School Washington, D.C.
Volunteer September 2018 - March 2020

- Filed and organized student work to track and document progress
- Prepared materials for class activities and art projects
- Provided general assistance to classroom teachers and students in both English and Spanish

Appalachia Service Project Cross Lanes, WV and Logan, WV
Volunteer Summer 2018, Summer 2019

- Worked in a team constructing wheelchair ramps for homes in rural West Virginia
- Gained experience using power tools, working within ADA regulations and construction codes
- Completed both construction project two weeks ahead of schedule

SKILLS

Programming: Python (NumPy, SciPy, Matplotlib, Pandas), R, Git version control, LaTeX typesetting
Software: Fusion 360 CAD, PixInsight astronomy image processing, Adobe Photoshop
Language: Read, Write, and Speak Spanish proficiently; Heritage Polish speaker

EXTRACURRICULARS

UChicago Robotics
Mechanical Engineering Team Lead

- Lead and organize the MechE team in prototyping and constructing a large-scale autonomous de-icing robot to make campus safer in winter

Polish American Student Association
Webmaster

- Manage the club website and email listserv, ensuring all events are clearly communicated to members
- Promote Polish culture on campus through club events: food, movies, traditional holiday celebrations

UChicago Quantum Society
Club Member

- Learn about and discuss topics related to quantum information science and quantum computing in weekly meetings