

Peter Campbell

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Contact Information

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SUMMARY STATEMENT

Enthusiastic, self-motivated young professional looking to apply skills acquired from a background in science, math, and programming to a job in data analysis and development.

CORE SKILLS

- Highly developed analytical skills and detail oriented problem solving
- Strong project management skills to effectively balance both short and long term projects
- Creativity when exploring solutions to problems and new projects
- Adept at producing concise, accurate, and organized documentation
- Experienced in presenting written and oral reports to a wide variety of audiences
- Curious and innovative when questioning established methods to design and implement new approaches
- Capable of explaining complex material and concepts to people of different specialties and levels of understanding
- Flexible, versatile, and comfortable when working in formal and informal team environments

PROGRAMMING LANGUAGES/DATA TOOLS

Comfortable:

- Python: Undergraduate course work that focused on establishing an understanding of algorithmic problem solving and program design in Python. Projects included mathematical data manipulation, image manipulation, and game design.

Familiar:

- C: Undergraduate course work in electronics and computers that established the fundamentals of C to be used in input/output programming of a microprocessor.
- MATLAB: Large data manipulation and scientific modeling
- SQL: Self-taught through online resources and personal projects
- Tableau: Personal projects
- HTML, CSS: Personal website and upkeep of graduate research group webpage

EMPLOYMENT

Graduate Research Assistant – University of Wisconsin-Madison Materials Science 2104-2015

- Managed a main personal research project as well as a collaborative project with other grad students and a collaboration with Sigma-Aldrich life science and technology company
- Wrote MATLAB code that was necessary to modify, analyze, and view large data sets
- Assisted in the upkeep of the group's webpage and computer systems

Academic Grader and Teaching Assistant – Hamilton College 2013-2014

- Grader for Physical Chemistry
- Grader for Inorganic Chemistry
- Inorganic Laboratory Teaching Assistant

Climbing Wall Staff – Hamilton College 2011-2014

- Taught students and community members the basics of climbing
- Collected feedback from students and other staff members to improve people's experience while at the wall
- Maintained a safe, clean, and comfortable environment for people of all abilities to climb

EDUCATION

Hamilton College Class of 2014 Clinton, New York	Bachelor of Arts with Honors, GPA: 3.75 Chemistry Major, Physics Minor
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FORMAL RESEARCH EXPERIENCE

Inorganic Chemistry Summer Student Research Intern	Summer 2013
Independent Inorganic Chemistry Research	Spring 2013
Analytical Chemistry Research for the Matt Brewery	Fall 2010

HONORS AND AWARDS

The ACS Division of Inorganic Chemistry Undergraduate Award in Inorganic Chemistry
Elihu Root Fellowship
The Donald J. Denney Prize in Physical Chemistry
The Norton Prize
Hamilton College Dean's List 2010-2014
Sigma Xi Scientific Research Society Undergraduate Researcher
Winker Scholarship Recipient
Siuda Scholarship Recipient
The Herb Kohl Educational Foundation Initiative Scholarship Recipient
Elmbrook Education Foundation Scholarship Recipient

ACTIVITIES

People Program Outreach Planner – University of Wisconsin-Madison	2015
➤ Planned activities and lessons on renewable energy for middle school students	
Hamilton College Climbing Team - Founder	2011-2014
➤ Created the Hamilton College Team in the fall of 2011	
➤ Managed the acquisition and distribution of funding	
➤ Planned competitions, events, and practices	
➤ Sent out emails and notifications to keep members up to date and informed	
HOC Leader (Hamilton Outing Club)	2012-2014
➤ Led outdoor climbing and hiking trips	
Hamilton College Curling Team	2010-2011
Hamilton College Choir	2010-2011
Hamilton Serves Volunteer	2010