

# Peter Campbell

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## Contact Information

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262-994-0039

## SUMMARY STATEMENT

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

## CORE SKILLS

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- Highly developed analytical skills and detail oriented problem solving
- Strong project management experience 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

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### 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:

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

## EMPLOYMENT

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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 visualize 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**

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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**

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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**

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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**

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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