

# Isaac Hollander McCreery

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## EDUCATION

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**B.A., Mathematics** - *Oberlin College, Oberlin, OH* May 2014  
3.92 GPA, Phi Beta Kappa - diverse coursework includes computer science, economics, politics, rhetoric

## EXPERIENCE

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**Software Developer** - *Democratic National Committee, Washington, DC* June 2012 - November 2012

- Designed, developed, and managed a software application to process and visualize campaign data, including polling, canvassing, and television, radio, and online advertising
- Clients included Obama for America and congressional campaign management, media, and pollsters
- Responsible for complex database, back-end, and front-end development in a small team of engineers

**Teaching Assistant** - *Oberlin College Computer Science, Oberlin, OH* August 2011 - June 2012

- Responsible for planning and teaching curriculum of exercises and discussions to complement lectures and labs for Fundamentals of Computer Science with another student teaching assistant

**Research Assistant** - *Oberlin College Computer Science, Oberlin, OH* June 2011 - August 2011

- Evaluated currently-available open-source audit systems with another student and professor
- Read, modified, and compiled kernel sources to understand design decisions and inefficiencies
- Identified, tested, and submitted bugs to open-source and closed-source projects

**Operations Manager** - *Oberlin Student Cooperative Association, Oberlin, OH* May 2010 - May 2011

- Ensured the safe, efficient, and smooth operation of nine student-run dining halls serving 626 students, working with another student Operations Manager
- Oversaw management, food safety, and food-buying staff, and local foods, composting, and environmental concerns programs, and acted as emergency contact for all dining halls
- Served on board of directors; authored, submitted, and advised proposals for improvements in management structures and policies; facilitated and participated in consensus-based discussions on board
- Worked with college staff to facilitate, design, plan, and schedule construction of new dining hall

**Lighting Director** - *Walt Whitman High School Drama, Bethesda, MD* November 2006 - May 2008

- Nominated for 2 regional awards in lighting; responsible for designing and overseeing rigging of complex lighting and electrical systems despite limited, dated facilities, under deadlines and with diverse teams

## SKILLS

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### Leadership

- Experienced in organizing and working in teams, delegation, setting schedules, and writing proposals
- Comfortable with facilitating small- and large-scale contentious dialogues (2 to 100 people)

### Technical

- Github: @ihmccreery
- Proficient in Ruby, Rails, SQL, Java, Python, Shell,  $\text{\LaTeX}$ ; some experience with Scheme, C
- Experienced working in technically diverse teams on projects with thousands of lines of code
- Comfortable with theoretical algorithms and software engineering, including compiler construction

## EXTRACURRICULAR

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Last summer I cycled from Seattle, WA, to Los Angeles, CA, and I just completed my first triathlon. I was an organizer at Oberlin with the Responsible Investing Organization, and will be continuing my organizing work as an alum. This fall I worked at George Jones Memorial Farm in Oberlin, and I have been an avid cook my entire life, including in the cooperatives at Oberlin. In the past I have facilitated the outreach group of Oberlin Meditators and lead beginners' meditation workshops. My personal interests include rock climbing, cooking, and playing go, bridge, and chess.

May 15, 2014