

# CLARK ZINZOW

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## EDUCATION

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**University of Wisconsin, Madison**

*(expected) December 2015*

B.S. in Mathematics & Computer Science (in progress)

Certificate in Physics (in progress)

Member of the UW Math Club, the Hub, the UPL, and the

Collegiate Entrepreneurs' Organization - UW-Madison Chapter

## PROJECTS

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### Mathematics

**Modified Nim Game research**

Under the direction of Jordan Ellenberg. (in progress)

**$L_p$  Tic-Tac-Toe research**

Under the direction of Jordan Ellenberg. (in progress)

**Planted Clique research**

Under the direction of Jordan Ellenberg. (in progress)

**Molecule reconstruction research**

Under the direction of Jordan Ellenberg. (in progress)

**PDE/Analysis research**

Coming soon! Topic TBD. (Summer 2015)

### Computer Science

**JavaScript Algorithms library**

Creating library of sorting, searching, graph, string, and context algorithms (via Sedgewick/Wayne), implemented in JavaScript. (in progress)

**Project Euler**

Compiling solutions to Project Euler problems.

**The Art of Computer Programming**

Working through the 4 volumes. (in progress)

**Algorithm Analysis research**

Coming soon! Topic TBD. (Summer 2015)

### Entrepreneurship

**Flexy**

Fitness-oriented social network, with native smartphone meet-up app. (in progress)

**MeetSnap**

Contact information sharing app. (in progress)

**ExploreWho**

Company geared towards connecting students with their interests/professionals in their field of interests in the form of job shadowing experiences. Encourages peer-to-peer and student-to-professional connections through social network functionality and user-supplied content. (in progress)

## EXTERNAL LINKS

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**Personal Website**

[clarkzinzow.me](http://clarkzinzow.me) (in progress)

**GitHub**

<http://github.com/ClarkZinzow>

**LinkedIn**

[www.linkedin.com/in/clarkzinzow/](http://www.linkedin.com/in/clarkzinzow/)

**ExploreWho**

[www.explorewho.com](http://www.explorewho.com)

## EXPERIENCE

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### **100State/100Health**

*Web Developer*

July 2014 - Present

*Madison, WI*

- Worked on web development projects focused on improving healthcare and/or helping the Madison community.
- Learned how to use agile software development frameworks for managing product development.
- Gained valuable experience developing with JavaScript and many JavaScript frameworks.
- Created an application using new technologies, such as the MEAN stack.

### **Division of Information Technology at UW-Madison**

*Web Developer*

June 2014 - September 2014

*Madison, WI*

- Performed web development contract work for a variety of UW-Madison departments.
- Created websites, WordPress plugins and themes, and provided general website maintenance.
- Learned how to complete a project efficiently via test-driven development, issue tracking, and good programming practices.
- Learned the proper practices for developing code on a local development instance, transferring the code to a development server once local tests succeeded, and eventually transferring to the production server once the live version of the product is available.
- Learned how to work within a team of developers.

### **Purple Comet Math Meet**

*IT Assistant*

March 2013 - April 2013

*Madison, WI*

- Assisted users of [www.purplecomet.org](http://www.purplecomet.org) with any difficulties with the website or with the math competition.
- Gained valuable people skills while assisting supervisors of math teams who were operating under stressful circumstances (competition ongoing, time therefore being important).
- Learned how to comprehensively manage a team registry, experience that can apply to many facets of data management.
- Acquired experience in formally corresponding with users via e-mail and managing user requests in a timely manner.

### **Northwestern Mutual Life Insurance Company**

*Office Assistant*

June 2011 - August 2011

*Whitewater, WI*

- Copied, filed, edited and completed insurance documents.
- Compiled information packets for prospective clients.
- Took care of document format conversions when the old format became obsolete.
- Gained great organizational skills through restructuring several different filing systems in order to optimize efficiency.
- Learned the importance of being thorough since making a minor mistake on a legal document is enough to bring about legal action.
- Acquired general office skills and learned the proper etiquette needed to navigate a workplace laden with professionalism.