

CLARK ZINZOW

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EDUCATION

University of Wisconsin, Madison

(expected) December 2015

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

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

Badger Entrepreneurs (formerly CEO)

PROJECTS

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

Looking for supervising professor. (Summer/Fall 2015)

Computer Science

C++ Algorithms library

Creating library of conventional and advanced algorithms implemented in C++. (in progress)

Project Euler

Compiling solutions to Project Euler problems.

Algorithm Analysis research

Independent research. (in progress)

Artificial Intelligence research

Independent research. (in progress)

Professional

Flexy

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

MeetSnap

Contact information sharing app. (in progress)

The Vote Calculator

Ranked-Pairs voting web application constructed for the Madison City Council. (in progress)

ExploreWho

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

EXTERNAL LINKS

Personal Website

clarkzinzow.me

GitHub

<http://github.com/ClarkZinzow>

LinkedIn

www.linkedin.com/in/clarkzinzow/

ExploreWho

www.explorewho.com

EXPERIENCE

100State/100Health

Software Engineer/Web Developer

July 2014 - Present

Madison, WI

- Worked on software/web development projects focused on improving healthcare and 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 applications using modern technologies, such as the MEAN stack.
- Learned many modern software development practices from former Epic software engineers.

Benefit Concepts Inc.

Technology Consultant/Web Developer

January 2014 - Present

Whitewater, WI

- Provided consultation on HR/payroll software systems, cloud services, and computer security.
- Researched HR/payroll software for inclusion in company's offerings (in order to compete with Zenefits).
- Researched and set up viable cloud services solutions for the company.
- Set up and maintained company's encrypted e-mail system via Microsoft Azure RMS.
- Recently started working on a new website for the company. (in progress, not deployed)

Northwestern Mutual Life Insurance Company

Technology Consultant/IT Support/Administrative Assistant

December 2014 - May 2015

Milwaukee, WI

- Provided consultation on enterprise software, cloud services, and computer security for financial advisor.
- Provided general IT support.
- Compiled information packets for prospective clients and took care of document format conversions.
- Learned how to make software and cloud services compliant with strict company-defined security standards.

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.
- Extensive experience developing using WAMP/MAMP stack and programming in PHP, JavaScript, jQuery, SQL, and a variety of PHP/JavaScript frameworks.
- Learned how to complete a project efficiently via test-driven development, source control, issue tracking, and good programming practices, and how to work within a team of developers.
- 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.

UW-Madison Office of Human Resources

Payroll Services/Foreign National Processing

June 2013 - August 2013

Madison, WI

- Processed missed payroll requests and foreign nationals' tax forms.
- Researched and dealt with complex non-resident alien tax compliance issues.
- Learned how to use several large software systems, namely Oracle PeopleSoft Human Capital Management, UW-Madison's Human Resource System and Arctic International's Glacier Non-Resident Alien Tax Compliance System.