

JOHN XIA

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EDUCATION

University of Chicago

BA: Physics, June 2014

EXPERIENCE

Teachers Pay Teachers

February 2016 - Present

Senior Software Engineer - Search, Discovery and Personalization

- AB testing search relevancy changes - implementation as well as analysis
- Build an ETL system, including monitoring, alerting, infrastructure, and education
- Implement autosuggest service in Elixir to evaluate a full-stack port
- Port search page to Elixir backend & React frontend; teach engineers about Elixir
- Develop company values statement with a group of volunteers

Recurse Center

August 2015 - November 2015

Participant

- Wrote a Git clone in Haskell
- Worked on NAND2Tetris: designed hardware, wrote assembler, and wrote compiler

Center for Data Intensive Science

April 2015 - August 2015

Software Engineer

- Built analytics pipeline and data portal for satellite data

Heritage Chinese Center

June 2014 - April 2015

Software Developer

- Design and build web games as supplemental material for students learning Chinese
- Track individual students' and teachers' progress through the curriculum

University of Wisconsin-Madison

October 2014 - March 2015

Associate Research Specialist

- Work on tool to compute nuclear fuel characteristics over time
- Contributed to PyNE, an open source nuclear engineering toolkit

Mission Street Manufacturing

June 2013 - August 2013

Software Developer

- Create systems to allow children to easily design & print 3D models
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THINGS I'VE USED AND LIKED

Elixir, Python, Haskell, JavaScript, Git, Linux