

ALEX ZHU

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GitHub: <https://github.com/zhukeepa>

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EXPERIENCE

Recurse Center

Participant

February 2015 - Present

New York, NY

- Building a clone of Workflowy with React.
- Working on a Rails application for organizing math problems.
- Built a Rails application to write emails under time pressure.
- Learned Haskell and wrote a regex engine based on a finite state machine.

EagerPanda

Machine learning research assistant

September 2014

Portola Valley, CA

- Learned about neural networks and natural language processing.
- Wrote R and Python scripts to process data files.

Kingdom of Saudi Arabia Math Olympiad Training

Instructor

February 2013 - May 2013

Cambridge, MA

- Prepared math olympiad training material for top math students from Saudi Arabia
- Taught students face-to-face twice a month

Jane Street Capital

Trading Intern

January 2013

New York City, NY

- Developed and analyzed a model to exploit a market inefficiency.
- Learned about financial markets through classes and one-on-one discussions with mentor.
- Participated in mock trading sessions.

EDUCATION

Massachusetts Institute of Technology

Mathematics major, GPA 4.9/5.0

August 2012 - Present

SKILLS

- Proficiency with C++ and Ruby on Rails
- Familiarity with Python, JavaScript, Haskell, R, Excel, and Mathematica

HONORS AND AWARDS

- Finalist in the 2014 Thiel Fellowship (4/2014)
- Top 15 on the 2012 Putnam Mathematical Competition (12/2012)
- 2012 USA Mathematical Olympiad perfect scorer (4/2012)
- USA Computing Olympiad Gold Division qualifier (3/2010)