

Peter Xu

5748 S Blackstone Ave Chicago, IL 60637
(402) 889 - 5800

Education

University of Chicago, Chicago, IL, B.A., Math (minor Human Rights) expected June 2017 (GPA: 3.7)

Millard North High School, Omaha, NE, 2013, International Baccalaureate diploma (GPA: 4.25)

Skills and experiences

Computer experience

Proficient in HTML5, Javascript (including major libraries like jQuery), CSS3, PHP, MySQL, Python (including major quantitative libraries such as numpy and matplotlib). Some experience with other languages, including R, Ruby (using Rails), C++, Java. Have used NodeJS and Flask frameworks. Experience in civic hacking and working with public datasets. Course experience in machine learning and statistical analysis.

Writing and editing

Have extensively read academic papers and edited drafts of research monographs as a research assistant; some experience writing and editing journalistic articles with the South Side Weekly.

Employment

Data analyst, Data Science for Social Good, Chicago, IL

January 2015 - current

Assembling machine learning models to predict risk factors for new mothers in a nursing program.

Research assistant for Steven J Davis, Chicago Booth, Chicago, IL

December 2014 - current

Apply data scraping and machine learning analysis to economic policy uncertainty research.

Computing assistant, Office of Shared Research Facilities, Biological Sciences Division, University of Chicago, Chicago, IL

February 2014 - current

Redesigning and recoding most of the major websites for the shared facilities.

Research assistant, Department of Mathematics, University of Nebraska at Omaha, Omaha, NE

April 2012 - October 2012

Aided Dr. Griff Elder in seminars, and independently proved a result from his research program.

Recognitions

Winner, 2014 University of Chicago Fall Hackathon.

Runner-up, 2014 Enova Data Smackdown. Only undergraduate to place in the top three, as a second-year student.

High school USAMO qualifier, individual state Math Day champion.

Other activities

Education project at Chicago Hack Night (temporarily on hiatus)

Writer for the South Side Weekly

Music (piano, composition)