Noah Banholzer

nbanholzer@uchicago.edu • 708-567-1825 • www.nbanholzer.me
1005 E 60th Street • Hyde Park, IL • 60637

Experience

NASA Jet Propulsion Laboratory
Pasadena, CA
Summer Intern — *Jun '18 – Sep '18*
- Develop real-time analytic software for Deep Space Network
- Implement backend server using SQLite and Node.js
- Extend openmct angular libraries for real-time use

University of Chicago TechBar
Hyde Park, IL
Tech Staff — *Feb '17 – Present*
- Provide technical support for university clients
- Manage university IT ticket service and loan program

Everyday Computing
Hyde Park, IL
Research Assistant — *Jun '17 – Dec '17*
- Engineered front and back end for educational trajectory tools
- Analyzed and visualized curriculum data using Cytoscape.js
- Promoted participation of underrepresented minorities in computer science

University of Chicago Department of Linguistics
Hyde Park, IL
Computational Linguistics Research Assistant — *Dec '16 – Oct '17*
- Developed co-learning algorithms under Professor John Goldsmith
- Used natural language processing and spectral graph theory with nearest word neighbors

Upward Bound
Hyde Park, IL
STEM Tutor — *Nov '16 – Feb '17*
- Tutored neighborhood school students on the South side of Chicago in STEM

Uncommon Hacks
Hyde Park, IL
Database Developer — *Jan '17*
- Integrated full stack of image database using MySQL and Node.js

Oak Park Education Foundation
Oak Park, IL
Summer Educator — *Jun '14 – Aug '16*
- C, C++, Scratch
- Ran workshops to develop other mentors' skills

Education

University of Chicago
Hyde Park, IL
B.S. in Computer Science & Mathematics — *Jun '20*
GPA: 3.617 (of 4)
Honors: Dean's List '17, '18

Technical Expertise

Recent Experience: Java, Python, C, JavaScript, Haskell

Web Technologies: Node, Flask, Jinja2, React, Angular, Ajax

Databases: SQL, NoSQL

Interests

Art (particularly Modern and Contemporary), Crosswords, CS Education, Data Visualization, Functional Programming, Linguistics, Machine Learning, Project Euler