Noah Banholzer

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1106 E 53rd Street Apt 1 • Chicago, IL • 60637

Experience

NASA Jet Propulsion Laboratory
Summer Intern
Pasadena, CA
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
Tech Staff
Chicago, IL
Feb '18 – Present

- Provide technical support for university clients
- Manage university IT ticket service and loan program

Everyday Computing
Research Assistant
Chicago, IL
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
Computational Linguistics Research Assistant
Chicago, IL
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
STEM Tutor
Chicago, IL
Nov '16 – Feb '18

- Tutored neighborhood school students on the South side of Chicago in STEM

Uncommon Hacks
Database Developer
Chicago, IL
Jan '17

- Integrated full stack of image database using MySQL and Node.js

Oak Park Education Foundation
Summer Educator
Oak Park, IL
Jun '14 – Aug '16

- C, C++, Scratch
- Ran workshops to develop other mentors' skills

Education

University of Chicago
B.S. in Computer Science & Mathematics
Chicago, IL
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