

# Noah Banholzer

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## 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 '17 – 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 '17*

- 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
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## 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

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## Technical Expertise

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

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

**Databases:** SQL, NoSQL

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## Interests

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