

# Noah Banholzer

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## Experience

University of Chicago TechBar

**Tech Staff**

HYDE PARK, IL

Feb '17 – Present

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

Everyday Computing

**Research Assistant**

HYDE PARK, IL

June '17 – Dec '17

- Full stack development of educational trajectory tools
- Analysis and visualization of curriculum data
- Computer Science curriculum generation for elementary and middle school students
- Promote participation of underrepresented minorities in computer science

University of Chicago Department of Linguistics

**Computational Linguistics Research Assistant**

HYDE PARK, IL

Dec '16 – Oct '17

- Develop co-learning algorithms under Professor John Goldsmith
- Natural language processing using spectral graph theory with nearest word neighbors

MaroonStack

**Co-Founder & Web Developer**

HYDE PARK, IL

May '17 – Present

- Full front-end integration for websites
- UI/UX design

Upward Bound

**STEM Tutor**

HYDE PARK, IL

Nov '16 – Present

- Year-long tutoring program for students in neighborhood schools on the South side of Chicago

Uncommon Hacks

**Database Developer**

HYDE PARK, IL

Jan '17

- Full stack integration of a 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**

GPA: 3.586

HYDE PARK, IL

Jun '20

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## Technical Expertise

**Recent Experience:** Python, C++, JavaScript, Haskell, Rust, TensorFlow

**Web Technologies:** Elm, Flask, Jinja2, React, Angular, Cytoscape.js

**Web Design:** www.maroonstack.com

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## Interests

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