

# REILLY MCBRIDE

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## EDUCATION

### University of Chicago

Chicago, Illinois

*Bachelor of Science in Computer Science*, GPA: 4.00

Expected June 2023

Taken: Data Structures and Algorithms (C), Spatial Analysis (R), Statistical Models and Methods (R)

Intended 2020-21: Computer Sys., Database Sys., Machine Learning, Linear Algebra, Discrete Mathematics

### Thomas Jefferson High School for Science and Technology (TJHSST)

Alexandria, Virginia

*Diploma*, June 2019, GPA: 4.54/4.00

Courses: AI (Python), Web & Android Dev. (HTML, CSS, JavaScript, SQL), APCS + Data Structs (Java)

## SKILLS

- 1-2 years: Python, Java, R. *In select projects & classes:* C, JavaScript, SQL, HTML, CSS
- Tools: Excel, Word, PowerPoint, Atlassian Jira, WordPress, GeoDa, Git, Android Studio
- Interests: Latin (Language), Figure Skating, Dance

## EXPERIENCE

### Classavo

Remote

*Software Development and Project Management Intern*

September 2020 – Present

- Django (Python), PostgreSQL, React, Slate.js, TypeScript, Digital Ocean, Scrum. 20 hours/week.

### CancerIQ

Remote

*Data Analytics/Product Intern*

June 2020 – August 2020

- Wrote Python (pandas) scripts to analyze patient data, created documentation for cancer risk models (R packages) and worked with Product and Dev teams to integrate them into existing products.
- Assisted with UI development and software testing (Rust); researched grants, clinical trials, and potential industry partners.

### Blue Future

Remote

*Frontend Web Development Intern*

December 2019 – March 2020

- Worked in WordPress, used HTML and CSS for further customization. 10 hours/week.

### HackTJ, TJHSST (Computer Programming Competition)

Alexandria, VA

*President, Vice-President, Organizer*

May 2016 – May 2019

- Free 500-student event. Position held through Coding Lady Colonials club for women in CS. Led a team of 14 students and collaborated with school staff and administration.
- Procured corporate sponsors and partners, managed a \$40,000 budget, organized workshops, recruited mentors and judges, planned and spoke at opening and closing ceremonies.

## PROJECTS

### Building Permits as an Early Metric of Opportunity Zone Success in Chicago

*Author*

April 2020 – Present

- Working in GeoDa (spatial weights, spatial lag, LISA statistics) and R. Using quasi-experimental models (Adjusted Interrupted Time Series). Currently working to publish.

## ACTIVITIES

### Paul Douglas Institute (Public Policy Think Tank), UChicago

Chicago, IL

*Research Associate*

November 2019 – March 2020

### Bhangra Team, UChicago

Chicago, IL

*Logistics Coordinator, Competitive Dancer*

October 2019 – Present