

Campbell Phalen

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EDUCATION

University of Chicago Laboratory High School

Expected graduation 2019

University of Chicago (College Dual Enrollment)

Masters Program in Computer Science

C Programming, Databases, Functional Programming

Undergraduate Department of Mathematics

Honors Calculus (3 quarter sequence)

WORK EXPERIENCE

Carbonless Community

June 2017 - Present

Chief Technology Officer

- Built an AngularJS web application which facilitates green energy auctions.
- Wrote scripting software to present ComEd energy sales metrics.

Citadel, LLC

June - August 2017 and 2018

Software Engineering Intern

- Developed useful in-house software for trade break resolution.
- Navigated the corporate/professional workplace.
- Collaborated effectively with developers and end-users

Waaves, Inc

December 2016 - July 2017

Software Engineering Consultant

- Finalist in the University of Chicago's New Venture Challenge.
- Collaborated with a team to create minimum viable product web application.

Starchup, Inc

June 2016 - August 2016

Software Engineering Intern

- Built a comprehensive end-to-end testing suite for the company's main product.
- Utilized the Agile software development program.

OTHER EXPERIENCE

University of Chicago Laboratory School Student Council

June 2016 - Present

Director of Student Technology Services

- Developed the student council website – voting, student voice, student club advertising.
- Assisted in day-to-day technology needs: AV equipment, ID-cards, school emails.
- Designed a web application to foster a community of women in STEM fields.
- Worked closely the with IT department to support student projects.

1871 (startup incubator) + University of Chicago Laboratory School

November 2016 - Present

Project Head

- Coordinated with entrepreneurs in the 1871 incubator.
- Presented numerous high school students with internships at 1871 companies.
- Interfaced with faculty and staff to procure funding and project approval.

Artifice Tech Center

September 2016 - June 2017

Volunteer Teaching Assistant

- Worked with underprivileged students to foster skill in computer science.
- Cultivated meaningful connections with other aspiring computer scientists.

TECHNICAL SKILLS

Application Development: C/C++, Haskell, Python, Java, TensorFlow

Web Design: NodeJS, ReactJS, RESTful API, PHP, JavaScript, PHP, Amazon Web Services

Databases: MySQL, SQL Server, MongoDB, Redis, Data Warehousing

Other: Computer Architecture, Algorithms, Unix CLI