**BRIAN YU**

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Education

University of Illinois at Urbana-Champaign

Exp. May 2021

*Pre-Engineering, working towards a degree in Computer Science*

GPA: 4.00/4.00

Illinois Mathematics and Science Academy

Aug. 2014 – Jun. 2017

Skills

Languages: Java, C#, HTML, CSS, JavaScript, PHP, Python

Applications and Tools: Android Studio, Unity, MS Office

Fluent in English, conversational in Mandarin

Work Experience

Fermi National Accelerator Laboratory

Aug. 2015 – May 2016

*Research Assistant*

Batavia, IL

* Designed a web server using HTML, CSS, JavaScript, and PHP, dedicated to helping researchers and physicists a method of attaining and building Off-the-Shelf Data Acquisition Systems
* Worked with a team of 8 engineers to develop new technology to assess the abilities of the data acquisition systems
* Executed the configuration and maintenance of the servers on Windows Operating Systems and Linux-based Environments

Volunteer Experience

Bartlett Depot Museum

Jun. 2016 – Aug. 2016

*Volunteer*

* Oversaw daily operations, ensured that the environment was beneficial for the community
* Managed 2000+ artifacts and arranged them within a database after recording each item’s accession number

Poplar Creek Library

Apr. 2012 – Aug. 2016

*Volunteer*

* Taught Web Development using HTML to 16 aspiring individuals
* Managed events with staff and improved community satisfaction
* Established an innovative scoring system and monitored competitions

Additional Activities

Association of Computing Machinery

Aug. 2017 – Present

*Member*

* Working with other aspiring engineers to design and build applications using Unity and Android Studio

Hearthstone Club

Aug. 2015 – Jun. 2017

*Founder*

* Supervised and promoted community interaction from a diverse range of backgrounds
* Helped individuals maintain balance among personal, educational, and social commitments

Chess Team

Aug. 2014 – Jun. 2017

*Captain*

* Helped manage and lead a team of 12 people to win the Illinois High School Association State Chess Championship.