

Xingyu Liu

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xliu72.github.io | github.com/xliu72

Education

Candidate for Bachelor of Engineering and Applied Science, 2nd year Computer Science | Sep. 2016 - Present | SUNY at Buffalo

GPA: 3.89/4.00- Dean's Honours List Award

High School Diploma | Sep. 2012 – May 2015 | Mianyang High School, Mianyang, China

Projects

Candy Crush

- created a game based on Candy Crush. Tool: Java

Fractal Images

- created an interface allows user to generate fractals with choices of graph, color and escape time/distance. Users can zoom in/out on fractal image. Tools: Java.

HTML Validator/Basic DOM Operation

- Checking whether given HTML is valid and generate DOM. Tool: C++, HTML

Experience

Volunteer with Science is Elementary | Westminster Community Charter School, Buffalo | Feb.1st,2018

- Taught kindergarten kids elementary science by doing fun experiment. Content include force, gravity, importance of hands-on in person.

Research Assistant of Botanical Gardens Database | University at Buffalo | Jan., 2018(present)

- On Botanical Application web-page, show database statistics and improve web design.
- Tools: SQL visual studio, HTML, CSS

CS Kids' Day Volunteer | University at Buffalo |Nov., 2017

- Guided attendee kids through the different events at CS Kids' Day

Skills and Interests

- Programming language: Java, C++, Python, SQL, HTML, CSS.
- Software tools: Eclipse, CLion, SQL visual studio, Atom.
- Operation system: windows.
- Language: Native speaker of Chinese, Fluent in English, Spanish(beginner level).