Xing Tao Shi

xshi603@gmail.com   https://github.com/xshi0603

EDUCATION
Macaulay Honors College at Hunter College, NYC
Bachelor of Arts in Computer Science, Expected Graduation Date: May 2021
Major: Computer Science   GPA: 4.0
- **Relevant Coursework**: Data Structures and Algorithms (Spring 2019), Discrete Structures (Spring 2019), Software Analysis and Design (C++), Matrix Algebra

Stuyvesant High School, NYC   AVG: 92.5

SKILLS
Proficient: Python, C++, HTML, CSS, Java, Microsoft Office
Intermediate: C, Scheme, and NetLogo, Flask, SQL, MongoDB, and D3

EXPERIENCE
Office Assistant, **Exit Kingdom Realty**, Rego Park, NY   Summers 2017, 2018
- Created approximately 300 professional, aesthetically pleasing blogposts showcasing real estate transactions made in the company's previous year
- Crafted and displayed beautiful fliers to advertise current offers in the market
- Provided assistance to coworkers regarding technology and web design
- Advertised listings on sites such as Trulia, Zillow, and Craigslist
- Processed data from approximately 500 of business cards, and inputted data into spreadsheets

Teacher Assistant, **Little Sweet Angels**, Flushing, NY   Summer 2015
- Taught topics such as long division and multiplication to 30+ students on a daily basis
- Assisted students on homework problems in various topics such as English and Mathematics

Tutor, **Little Sweet Angels**, Flushing, NY   Summer 2015
- Taught topics such as long division and multiplication to 30+ students on a daily basis
- Assisted students on homework problems in various topics such as English and Mathematics

Tutor, **Key Club**, Stuyvesant High School   Sept 2016 – Mar 2017
- Crafted customized lesson plans for elementary and middle school math students; topics ranged from single digit addition to multiple digit division
- Provided assistance to struggling students using both visual and conceptual material

PROJECTS
Graphics Engine – *Python*   January 2018 – June 2018
- Created a rendering engine, for class, which processes .obj files in order to display shapes, curves and select 3D objects via .png or .gif files.
- Mimics realistic images through the use of back-face culling and Z-buffering

Clover – *Python, JavaScript (D3), SQL, HTML (Bootstrap)*   May 2018 – June 2018
- Built a personal financial web app, for class, that allows users to record, track, and visualize expenses and cash flows
- Worked on JavaScript back-end to process data and create visualizations of data
- Utilizes Alpha Vantage API in order to retrieve stock prices

LANGUAGES: Fujinese (conversational)
COLLEGE ACTIVITIES: MHC++ Computer Science Club