Xing Tao Shi

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EDUCATION

Macaulay Honors College at Hunter College, NYC   GPA: 3.93
Bachelor of Arts, Major in Computer Science, Minor in Math   Expected: May 2021
Relevant Coursework: Data Structures and Algorithms, Computer Architecture (Fall 2019), Discrete Structures, Software Analysis and Design (C++), Matrix Algebra, Intro to Math Proofs
Stuyvesant High School, NYC   AVG: 92.5

SKILLS

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

EXPERIENCE

Undergraduate Teacher's Aide, **Hunter College**, NY   *Aug 2019 – Present*
- Taught students concepts such as truth tables, recursion, induction, and Pigeonhole Principle
- Assisted students in a lecture hall with 250+ attendees while performing administrative tasks
- Provided one-on-one assistance regarding homework in a recitation class of 25 students

Computer Science & Math Tutor, **CUNY Tutor Corps**, NY   *Jan 2019 – Present*
- Crafted customized presentations to showcase various coding languages to curious students
- Taught students concepts such as Trigonometry, Pre-Calculus, and Computer Science
- Provided one-on-one tutoring to struggling students in order to increase proficiency rates

Private Computer Science Tutor, NY   *Sept 2018 – Present*
- Taught topics such as Booleans, recursion, loops, pointers, and discrete mathematics
- Successfully analyzed and debugged students' code in order to provide feedback
- Assisted on homework assignments in various languages such as Python, Scala, and C++

Head Intern, **eXp Realty**, Rego Park, NY   *Summer 2019*
- Delegated tasks to new interns while offering assistance to those who were struggling
- Assisted coworkers and real estate agents regarding technology and software
- Advertised listings on sites such as Trulia, Zillow, Nestio, Oodle, and Craigslist
- Cross-referenced different lists of property in order to organize listings by availability
- Created approximately 300 professional, aesthetically pleasing blogposts showcasing real estate transactions made in the company's current and previous years
- Crafted and displayed beautiful fliers to advertise current offers in the market
- Processed data from approximately 500 of business cards, and inputted data into spreadsheets

PROJECTS

Graphics Engine – *Python*   *Jan 2018 – Jun 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 – Jun 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), Spanish (basic)
COLLEGE ACTIVITIES: MHC++ Computer Science Club