JUSTIN SHIQI LIU

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EDUCATION

University of Michigan College of Engineering | Ann Arbor, MI   *(Aug 2020 - May 2024)*
Bachelors of Science in Engineering. Intended Major: Computer Science
- GPA: 4.00 out of 4.00
- Relevant Coursework: Data Structures and Algorithms, Programming and Introductory Data Structures, Discrete Math, Multi-variable and Vector Calculus, Linear Algebra.

Novi High School | Novi, MI   *(Graduation: May 2020)*
- GPA: 4.00 out of 4.00
- Test Scores: ACT: 36, SAT: 1550

WORK EXPERIENCE

Introductory Programming Teacher | NCCAE, Novi, MI   *(Jun 2020 - Aug 2020)*
NCCAE is a non-profit organization that provides educational services to children and teens
- Evaluated prior knowledge and devised a curriculum for students to learn basic Python skills.
- Instructed an eight-week course on Python, resulting in the students' abilities to develop retro games from scratch.

Busboy at China Cafe | China Cafe, Novi, MI   *(Jun 2019 - Jan 2020)*
Fine Chinese dining
- Assisted kitchen staff by serving plates and food
- Addressed all unforeseen problems related to supplies, cleanup, or customers.

RESEARCH EXPERIENCE

Windsor Regional Hospital Technician Intern | Windsor, ON   *(Jul 2019 - Aug 2019)*
- Analyzed 200+ anal canal cancer patient's data for relationships and patterns

University of Windsor Research Assistant | Windsor, ON   *(Jul 2019)*
- Prepared differing weight-percentages of Mg-Zn alloy specimens to observe under harsh conditions.
- Tested materials for tensile and anti-corrosive properties to determine optimal bio-material for bone implants

PERSONAL PROJECTS

Two-Player Tetris   *(Jul 2019 - Aug 2019)*
- Conceptualized and developed a multiplayer cooperative Tetris game with Python.
- Two players play on the same board, with each player's blocks contributing equally. Players must communicate and be effective in cooperation in order to find a balance of each new piece.

TECHNICAL STRENGTHS

Languages	C++, Java, Python, HTML5, CSS
Technologies	Unity, MATLAB

ACTIVITIES

MedLaunch | University of Michigan   *(Sep 2020 - Present)*
Working on yearly biomedical engineering related projects
- Developing virtual reality games in Unity to help stroke patients exercise their limbs with less effort.

VOID Consulting | University of Michigan   *(Sep 2020 - Present)*
Design and create websites for client companies, mainly local businesses near Ann Arbor
- Remodelling a website using HTML/CSS/PHP for Independence Rides, a business that offers dignified transportation to the elderly.

NHacks Head of Sponsorship | Novi High School   *(Sep 2019 - Aug 2020)*
Michigan's first high school hackathon, with more than 150 attendees
- Managed sponsorship proposals and sponsor relations
- Organized a completely virtual hackathon in order to maintain and built outside interest.