Justin Hui

"I put creative ideas into execution"

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EDUCATION:

University of Waterloo, Waterloo, ON   Expected Graduation 2025
- Candidate for Honours Bachelor of Computer Science and Finance (Double Major – Faculty of Mathematics)
- GPA: 4.0 / 4.0 (Dean's Honours List – 93.5%)
- Relevant Courses: Computer Science (98%), Businesses in North America (96%), Technical Writing for IT (95%)

WORK EXPERIENCE:

WTW | Willis Towers Watsons, 130 King Street West, Toronto   October 2022 – December 2022
Pension Technology Solutions Consultant Intern
- Conceived and designed new pension calculation software features for a system with over 50,000 client members to automate annuity calculations and more efficiently integrate actuarial datasets and rates saving an estimated 50% of time needed using tools like Figma and Asana. Awarded 2nd top consultant of 2022 out of 38+ consultants internationally
- Solutioning short and long-term financial goals for Fortune 100 clients by researching and providing data-driven insights

BMO | Bank of Montreal, 100 King Street West, Toronto   May 2022 – August 2022
Software Developer and Innovation Engineer Intern
- Successfully led team of 7 BMO employees by designing and delivering a mobile-friendly hands-on financial literacy app for 4,000+ users reinventing traditional in-person seminars, by creating data-driven product specs, roadmap, mock ups, and designing the UI/UX leading to very positive response from team members and executives
- Developed Python health check automation scripts, XML parser and bank employee information matcher for financial transactions technology solutions team improving current development efficiency by 80% using object-oriented design
- Increased scalability of current software products while saving engineering hours through driving product vision, leading innovation sprints, and facilitating team collaboration using MURAL

Students First Choice Tutors Ontario   December 2018 – Present
Founder and Lead Educator
- Generating over $100,000 in annual profit by conceiving and launching a computer science and mathematics tutoring program: *Active-Learn*, personalizing tutoring sessions for special need students by optimizing interactive technology
- Designed and engineered company's website which attracted 100+ potential clients and increased business revenue by over $1,000 per month using HTML/CSS/JavaScript and WCAG Level A accessibility design features
- Raising over 70+ students' computer science and math marks from 60% to 95%, while attaining client retention for 3+ years and referral chains of 4+ clients by continuously seeking and using student feedback on improving lesson delivery
- Recruited and mentored 4 tutors from engineering backgrounds to work with students with learning disabilities such as ASD, ADHD, and Dyslexia, resulting in students being accepted to highly competitive programs at top universities

PROJECTS:

Waterloo Sublets (web application built with HTML/CSS/ JavaScript/React)
Co-Founder and Product Manager (*Waterloo Sublets saves peoples time in finding the best budget friendly housing rentals)*
- Led team of two engineers through the product life cycle by researching market needs, wireframing, managing UI/UX design, and building an MVP to conduct A/B testing with math & CS students before launching initial version
- Projected to save at least 80% of the users' time otherwise needed to find the most convenient and transit-accessible accommodations by using a data-driven approach in defining the product vision, strategy, and pricing

Stock Portfolio Optimizer (built in Python with NumPy-Pandas)
Strategy and Project Manager
- Led a team of 3 in constructing a stock portfolio program with a near 0% risk by analyzing market risk, translating financial specifications into engineering specs, and prioritizing features ensuring a timely release

ACCOMPLISHMENTS AND SKILLS:

- **Markham Fair Marketing Committee:** Headed diversity initiatives for Canada's largest fair growing annual attendees from 70,000 to 80,000+ by defining vision and marketing strategy to reach and increase minorities involvement
- **U21 Semi-Pro Soccer Player Alliance United FC:** Trained and competed in high level of soccer while coaching over 300+ younger players and special needs athletes in the academy program
- **Awards and Distinctions:** Finance & Accounting Award, Economics Award, 1st Place in CYSA Soccer Tournament
- **Programming Languages:** Python, C, Java, HTML/CSS, JavaScript, Racket
- **Technologies, Frameworks, Libraries:** Asana, Bootstrap, Pandas, SQL, Ansible, Git, ReactJS, AngularJS, NumPy, MS Excel, MS Word, Microsoft Power BI, Jira, Confluence