Juno Zhang

437-299-2329 | junozhangworking@gmail.com | linkedin.com/in/juno-zhang | github.com/juuunoz

EDUCATION

University of Toronto   Scarborough, ON
HBSc Specialist in Computer Science, Minor in Studio Arts   *Sept. 2021 – May 2026*
Relevant Coursework: *Data Structures & Algorithms, Compiler Optimization, Computer Organization*

EXPERIENCE

Quality Assurance Engineer   Sept. 2024 – Dec 2024
TribalScale   *Toronto, ON*
- Conducted automated, continuous regression testing and exploratory testing for mobile and applications using **Appium** and **Playwright**
- Analyzed and expanded on existing Playwright web testing framework, **increasing path coverage by 80%**
- Took initiative in researching and **implementing automation**, **saving a total of 8 hours of manual testing time** per deployment cycle
- Wrote clean code and cleaner practical documentation on testing framework to affirm **knowledge transfer**
- Assisted with implementing new features and bug fixes leveraging **Next.js**, **React** and **Tailwind**
- Tracked sprint progress with **Jira**

Gallery Attendant   May. 2024 – Aug 2024
Doris McCarthy Gallery   *Scarborough, ON*
- Demonstrated **excellent verbal communication skills** by building a welcoming and professional, atmosphere as front-facing representative of the gallery
- **Maintained detailed revolving knowledge** of current exhibits and artists both within and outside of the gallery to interact with visitors meaningfully

Software Engineer Intern   May 2023 – Aug. 2023
TD Bank   *Toronto, ON*
- Used **# .NET Active Directory** to create a data verification tool scanning for human error in data entries
- Identified and took initiative in fixing issues with a risk report generating program used daily, **decreasing rate of fault reports by 20%**
- Tracked issues and story progress with **Jira** tickets

PROJECTS

How Many Fingers | *OpenCV, MediaPipe, Python, NumPy*
- Implemented classical and AI computer vision approaches to recognize the numerical representation of hand signs
- The classical approach uses a variety of techniques including **thresholding**, **contouring**, **convex hulls** and **convexity defects**
- The AI approach employed MediaPipe to **recognize key hand features**, and **map the state of each feature** to the appropriate hand gestures

Grant Application Web App | *Git, Typescript, MERN, JUnit, Docker, NGINX, Jest*
- Developed an accessibility-focused **React web app** for charity organizations to connect with applicants with disabilities in need of financial assistance
- Designed **responsive and accessible** UI/UX with Figma, using **Tailwind**
- Created continuous testing pipeline with **Git Actions** and **Jest**
- Maintained a clean Github repository and followed **Github best practices** and **Agile methodology** to facilitate seamless teamwork

SKILLS

Languages: C, C#, JavaScript, Python, Git
Frameworks: ExpressJS, ReactJS, NodeJS, Jest, .NET, Playwright, Appium
Developer Tools: Github, Visual Studio Code, Postman, Docker, MongoDB, NGINX, Linux
Libraries: pandas, NumPy