Tony Chen

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EDUCATION

4th Year, Business and Computer Science   Planned Graduation: May 2020
University of British Columbia, Vancouver, BC
- Cumulative GPA 3.80, Dean's Honour Roll (2015W, 2016W)

TECHNICAL SKILLS

Programming: C#, TypeScript, SQL, Python, C++, Java
Tools/Environment: Visual Studio, GitHub, GitLab, SVN, Command Line, Chrome Dev Tools, JetBrains
Testing: Selenium, SpecFlow, JUnit, Chai, NUnit
Web: Node.js, AngularJS, HTML/CSS/JavaScript, jQuery, Bootstrap, Express, Heroku

WORK EXPERIENCE

Junior Software Developer & Quality Assurance Intern (until Apr 2019)   Sept 2018 – Present
Paragon Testing Enterprises – Head Office, Vancouver, BC
- Carried out full-stack development using ASP.NET MVC (C#), API calls, AngularJS (JavaScript/TypeScript).
- Worked in a team of 18 full-time IT staff, handling technical tasks, quality assurance, stakeholder communication and projects in a collaborative agile environment.
- Wrote stored procedures in SQL in order to produce SSRS Reports as requested by stakeholders.
- Kept code clean and organized using feature branches on GitLab while following a three-week deployment release cycle.
- Performed Behaviour Driven Testing using SpecFlow, NUnit, and Selenium on Paragon's web applications.
- Onboarded new Co-op students in January, introducing them to the work environment and expectations.

PERSONAL PROJECTS

Counter-Strike Match Data & Analysis Website – *Node.js, Heroku, Firebase*   Nov 2018 – Present
- Displayed data using an existing API for HLTV.org in order to reduce unnecessary data usage for mobile, on-the-go users.
- Produced a discussion board on each match and result page using Firebase.
- Prevented simultaneous transactions through implementing mutex locks to keep data consistent.
- Hosted on Heroku complemented by Papertrail for debugging and efficiency analysis.

Stocks Analysis Engine – *Python*   Sept 2018 – Present
- Used Alpha Vantage API to request sector analysis and stock performance reports on a daily basis.
- Designed a program to return all NASDAQ-traded stocks that show strong upwards movement using moving averages and volume analysis.

Message Board for First Responders (Lumohacks 2018) – *Node.js, MongoDB, Google Maps API*   Sept 2018
- Created a message board in Node.js to help first responders regain a positive mindset and communicate with their loved ones, friends, and anonymous supporters.
- Allowed users to search for nearby restaurants or services using the Google Maps API.

VOLUNTEERING & PERSONAL DEVELOPMENT

Commerce Mentorship Program – Quantitative Decision Making Tutor   Sept 2016 – Present
- Taught six review sessions (20+ hours of teaching) and personalized 1-on-1 sessions for hundreds of students.
- Received positive feedback for exceptional enthusiasm, outstanding reviews and approaching students proactively.

Mensa Canada – Member   Sept 2017 – Present
- Applied and was accepted to become a member in Canada's High-IQ Society to meet other like-minded individuals.

WestPeak Research Association – Research Associate   Sept 2017 – Jun 2018
- Explored finance by producing and helping produce quality research reports on equities to be published online.
- Attended weekly discussions led by senior members to talk more about the industry and discuss the weekly markets.
- Published a research report on Seeking Alpha for Hardwoods Distribution (TSE: HWD).