





Jason SH Wang, B.Sc.

Computer Science Graduate 2020 | Software Developer | Freelance Translator

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WORK EXPERIENCE

International CyberCrime Research Centre (ICCRC) — *Research Assistant*

Apr 2021 – Present

- Create machine learning models to distinguish fake news item on social media using different algorithms
- Formulate the automation process for streamlining data preprocessing
- Use SAS Visual Analytics to generate informative reports for calibrating accuracy and future preprocessing purposes

SHL Medical — *PM Intern (international internship in Taoyuan, Taiwan)*

Oct 2020 – Apr 2021

- Developed prototype software for the company's internal website for tracking projects using SharePoint framework (HTML/CSS/JSON, InfoPath Designer, jQuery/JavaScript, etc.)
- Automated workflow processes (e.g., importing Excel data to a SharePoint list, adding default folders/tasks when a project is created, etc.) via Microsoft Power Automate with a combination of REST API/query string manipulation

Simon Fraser University — *Web and Application Developer (Co-op)*

Sep 2018 – Apr 2019 and Aug 2019 – Feb 2020

- Worked with the ICCRC team to prepare for meetings with an RCMP team on the requirements and progress of dark-web data collection
- Responsible for writing and finetuning a TensorFlow machine learning program via Python, optimized to read large training datasets on webpages from the Dark Web and make predictions on the website category while emailing users with any alerting results as configured
- Connected machine learning program to be used with the Dark Crawler application ecosystem and transferred training and testing metrics to MySQL databases from timestamped archives
- Wrote features of the Dark Crawler web application using Visual Basic on the .NET framework such as a predictions configuration page and functions to call the TensorFlow script and save/retrieve data.

TECHNICAL SKILLS

Languages: JavaScript, Python, C#, SQL, HTML, CSS

Libraries & Frameworks: jQuery, AJAX, .NET, SASS, Pandas

IDEs: Microsoft Visual Studio, IDLE, Sublime Text, WebStorm

Tools: SAS, MySQL WorkBench, Git, SVN, JIRA, Chrome DevTools, Office 365

OS: Windows, Linux

TRANSFERABLE SKILLS

- Hardworking and observant in following expectations for finishing tasks
- Fast and adaptable learner; able to quickly understand and utilize new technical concepts
- Research and propose alternatives, pro/cons, to project problems
- Present, in writing and orally, complex technical concepts to clients

FOREIGN LANGUAGES

Mandarin Chinese: Native

English: Native

Japanese: Business level

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Recent CS Graduate | Software Developer | Freelance Translator

WORK EXPERIENCE (CONTINUED)

Chatnells (Connected Displays Inc)

Junior Software Developer (contract, part-time) — Sep 2017 - Jun 2018

- Helped stabilize company product to be officially released on production and used by clients by fixing bugs on the mobile application

Web Development/QA (co-op) — Feb 2017 – Aug 2017

- Participated in backend design and developed the front-end logic for the Auto-Attendant chatbot with commands by connecting the interface to the backend APIs and processing and storing the data on the local cache
- Performed debugging and reported software vulnerabilities inside company product on JIRA while assisting in building and deploying of application from QA to Production by creating Android/iOS application builds for testing

Co-op Software Developer (plus contract work) — Jan 2016 – Oct 2016

- Developed the user interface and JavaScript front-end logic of the client's medical application into first release by following documented requirements
- Implemented design features and resolved issues reported on JIRA for the company's chat channel application on mobile and desktop by programming in JavaScript via Ext JS/Sencha Touch and SASS
- Worked along with QA team to verify resolved issues and discover new bugs and wrote Selenium automation test scripts to test desktop client features

PROJECT EXPERIENCE

Ticket Ordering App — *Data Systems I (May 2018 – Aug 2018)*

- Implemented the front-end interface and connection to the campus SQL server using queries involving advanced techniques as data aggregation between multiple databases
- Responsible for the writing of the documentation, the testing and debugging on the application as well as the dependency packaging and content preparation for the live demonstration

EDUCATION

Simon Fraser University,
Bachelor of Science, Computing Science (2014-2020)

GPA: 3.34

- Dean's Academic Excellence Entrance Scholarship
- Fall 2015 Dean's Honour Roll
- Co-operative Education Degree Designation

National Taiwan University,
Exchange Semester, Computer Science (Spring 2020)

- Volunteered at the International Companions for Learning program

CERTIFICATE

IBM, What is Data Science?
(Issued Jan 2021 via Coursera)

OTHER PROJECTS

Trans-pro Order Scrapper/
Grabber (Python, EC2 Instance),

Movie Search App (React),
Pokémon Marketplace (Django)

VOLUNTEERING

Sermon Interpreter, Audio-Visual,
Income Tax Preparer,
Teacher's Assistant

INTERESTS

Freelance Translating (JP/CH-EN),
Language Learning (JP, ES),
Automation/Scripting, Hiking,
Cycling, Drawing