JASON KURNIAWAN

3A Computer Science with Business Option

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SKILLS

Web Dev: HTML5, CSS3, JavaScript, jQuery, D3.js, Bootstrap, AWS and SQL

Languages: Proficient in Python, Bash; familiar with Java, C++, C, R, Perl

Software: Git, Jenkins, JIRA, Putty, Eclipse, Vim, Sublime, OpenCV, NumPy, Pytesseract

WORK EXPERIENCE

IBM, *QA Developer*   Toronto | January – April 2017
- Developed a script with **Python** and integrated **ClearQuest API** to send a personalized HTML email to remind the developer of outstanding tickets
- Automated daily tasks using **Bash** and **Python** scripts, saving 10 hours of testing time per week
- Cut down training time from **80 to 10 hours** by creating a testing manual for new hires
- Monitored automated daily test results across a number of platforms and versions

NCR, *System Software Engineering*   Waterloo | April – August 2016
- Automated the process of virtual machines' performance report using **Python** and **HTML**
- Added new features to the web report and optimized the script running time by **50%**
- Created an autonomous **robot** with **Arduino** and Roomba that navigates through the data center to capture temperature and humidity of 48 racks saving more than **$7500**
- Visualized the data recorded by the robot into a 2D/3D heat map using **Excel** and **D3**

YOU.I TV, *Software Tester*   Ottawa | September – December 2015
- Developed test cases used to test multiple mobile platforms and gaming consoles
- Executed tests and recorded detailed defects on **JIRA**
- Triaged bugs alongside developers and product owner in an **Agile** environment

MICROSOFT, *Research and Development Intern*   Jakarta | July – August 2014
- Did pair programming and mentored in **C++**
- Fixed bugs for an internal application used by the sales team
- Conducted market research and sales strategy implementation

PROJECTS

PERSONAL WEBSITE   May 2017 - Present
- Designed and developed a responsive website from wireframes to **HTML, CSS** and **JavaScript**

DOCUMENT SCANNER   April 2017
- Used **OpenCV** library to handle the image processing and rendering
- Utilized **Tesseract** library to convert the scanned image into text

EDUCATION

UNIVERSITY OF WATERLOO   September 2014 - 2019 (expected)
Candidate for Bachelor of Computer Science, Honours with Business Option
- **Relevant Courses:** Object-oriented Programming, Algorithm, Data Structures, Database

INTERESTS

SOCCER Captain of high school soccer team and UW intramural team

WEB DEV Improving on my JavaScript regularly and just started experimenting with React and Angular