Ching-Wei Lin

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Dear Recruiters,

I am Ching-Wei Lin, and I am a master student in computer science at Portland State University, concentrating on *backend, frontend website development and artificial intelligence*. I am graduating in December 2019 and eligible to work in the US on January 13 2019.

I applied the knowledge and skills I've learned in graduate studies in real industry world as a Software Engineer Intern at Global Payments. I worked under the security team and the project I was working on is to upgrade our vulnerability scanning report system, modularizing it and optimizing the time and space complexity. I integrated two version of scanning report systems into one, which is using JSON format. Also, I developed a website application for security report script catalog. First, I implemented a script scraper to collect data, which clones the directory from GitHub and scrapes the scripts for the data. Second, the application stores the data to a Google spreadsheet by Google API as database. Third, I built the front end interface by JavaScript and HTML. As I developed these automation systems, I gradually realized that what drives my passion is website development.

During my graduate studies, I have learned artificial intelligence and various programming languages. I advanced my **C++** programming skills by leading a course project creating ADTs for dealing with different kinds of data. I implement both website client and server in HTTP-based network communication and a complex web-based user interface with Google Web Toolkit in **Java**. In my AI courses, I learned about reinforcement learning, neural network, A* algorithm and Genetic Algorithm. As a result, I implemented hand digit recognition system with 95% accuracy in **Python**.

In closing, I believe both my profession and skills would serve me well in this position. I would appreciate discussing this position in more depth. Please feel free to contact me. Thank you for your time and consideration.
Sincerely,

Ching-Wei