I am Isabella Chen, a detail-oriented and highly motivated Software Developer with a strong background in computer engineering and a specialization in Artificial Intelligence. Currently pursuing my Master of Engineering in Computer Engineering at the University of Waterloo with an expected graduation date of April 2024, I have consistently demonstrated excellence in academic and professional settings.

With a GPA of 3.97/4.0, I was honored with the ECE Master of Engineering Award of Excellence. My academic journey has equipped me with a robust skill set in various algorithms and techniques, including Data-Preprocessing, CNN, RNN, LSTM, GANs, PCA, NLP, and more.

I hold a Bachelor of Applied Science in Computer Engineering from the University of Toronto, where I graduated with Honors and earned a Certificate in AI Engineering. During my time at the University of Toronto, I honed my skills in C#, JavaScript, Python, Pytorch, Vue, .NET, and NoSQL, among others.

In my previous role as a Software Developer at Katech Imaging Inc., I developed label scanning software to increase warehouse stocking speed and spearheaded the development of accounting software that significantly improved cash flow calculation. Additionally, I synchronized bank statements and invoices across online marketplace accounts, resulting in a fivefold increase in monthly account calculation productivity.

As a Front End Web Developer Intern at Modiface, I executed UI designs using JavaScript, Vue, HTML, and CSS. I leveraged state management patterns with Vuex, refactored outdated code, and updated automated unit tests for maintainability and scalability.