Dear hiring manager,

I am writing to express my interest in the {position} at {company}. As a senior pursuing a Bachelor of Science in computer science at the university of Washington, I have amassed a range of skills and experiences that I believe would make me a valuable addition to your team. Because of my software development experience in both industry and academic environments, I will provide unique insight and new perspective that will be invaluable to {company}.

In my internship this past summer with Sync.MD, I took on the role of data scientist. I used my skills from coursework to create a Python sampling script that saves 40% memory storage and 30% runtime. I also used the Pandas library to analyze CSV discrepancies and generate excel reports to then use the sampling script accurately. Additionally, I mentored a high school student and designed a 4-week python curriculum that taught the basic programming concepts. During my internship at Foursquare, I had the opportunity to work on intricate projects. For my project, I had to automate a backup pipeline that would copy over Mongo DB data to AWS S3 which saved 15+ on call hours. This experience taught me the importance of persistence, innovation, and effective communication. I was able to use my coding experience to effectively work with professionals in the field. Furthermore, I was able to utilize AWS Athena to query through error logs efficiently to debug the pipeline. I also got more acquainted with GitHub and the nature of a large company doing pull requests.

In my time at the University of Washington I’ve sought to maximize my experiences both in and outside of the classroom. With regards to my classes, I have immersed myself in data structures and algorithms, artificial intelligence, and systems programming. I am currently a teaching assistant for a systems programming class, leading and teaching a section of 30 students. I am also a board member of Husky Tech, an organization which aims to accelerate students’ tech careers. My responsibilities include speaking at our event meetings and leading workshops to further students’ profession careers. I have honed my interpersonal skills, public speaking and decision-making. Furthermore, my participation in hackathons, including Dub Hacks, showcased my ability to perform under pressure and deliver results within tight deadlines. In a time-constrained environment, I successfully took on the challenge of front-end development, a domain I was unfamiliar with, and delivered a fully functional product.

Given the opportunity as a {position} at {company}, I would continue to develop myself as a better coder and collaborator. in addition to learning about the company and the industry generally. Thank you for taking the time to consider my application, and I truly am excited to be a valuable member at {}.

Warm regards,

Ann Baturytski