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March 2, 2017

Dear Potential Employer,

I have worked four years as a math tutor, where my students often complimented my teaching abilities in their reviews of tutors. I began as a physics major and switched to a Computer Science major with a minor in physics and mathematics and began tutoring computer science. I am currently a member of a selective program called the CUNY Tech Talent Pipeline where selected students pass an online coding challenge and then an in-person interview coding challenge to collaborate with each other in building a full-stack applications.

I am most familiar with programming language C++, but I also have experience in JavaScript, Java, and Python. I also know HTML and CSS, which I have used along with Bootstrap to build my resume website (theonlywei.github.io). The projects I have done include an Arduino robot arm controller, my own resume web page as mentioned, contributions to full stack projects over Github, a class with methods for computational vision, and a command line interface operating system simulation. Currently I am working on two data science projects, one of which is a personal project for visualizing data mined from Twitter using Node and Express, MongoDB, and various tools on the such as Bootstrap and D3.js. The other is a group project that uses a similar stack.

My greatest strength is my ability to learn quickly and adapt to shortcomings, a result of my love for learning. When I'm not working on programming projects, I'm reading books on programming or learning about different technologies. My work as a tutor shows that I can be knowledgeable in a particular area when given the chance. I hope you find my experiences valuable as an employee.

Sincerely,

Wei Shi