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Dear Potential Employer,

I have worked four years as a math tutor, where students often complimented my teaching abilities in their reviews. 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 after passing a coding interview, where selected students collaborate in building full-stack web applications.

I am most proficient in C++, but I also have experience in JavaScript, Java, and Python. I also know HTML and CSS, which I used to build my resume website (theonlywei.github.io). The other projects I have done include an Arduino robot arm remote manipulator, contributions to full stack projects over Github, a custom computational vision namespace, an Android chemistry calculator, and a command line operating system simulation. Currently, I am looking at three data science projects. One of which is a personal project for visualizing data mined from Twitter using Node and Express, and various other tools such as D3. I plan to use React for the front-end framework. Another is a simple class project using PostgreSQL, MongoDB, and Neo4j. The last one is a full-stack class project using ReactJS, Node, Express, and MongoDB, built using the latest version of JavaScript.

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 my ability to be knowledgeable in a topic given the chance. I hope you find my experiences valuable as an employee.

Sincerely,

Wei Shi