Ivan Lin

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FireEye
601 McCarthy Blvd,
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Dear FireEye Hiring Team,

I am an undergraduate computer science student from Stony Brook University applying for the Engineering internship posted on your website. As a student and developer, I have been involved in computer science through a number of academic, personal, and professional projects that have given me the ability to apply my knowledge to real world systems. After five years of experience in classroom and business settings, I believe I can support FireEye as it finds ways to ensure the security of information and services for businesses worldwide.

As someone applying for the position of a software engineer, I know that I am expected to have a solid foundation in the theories and concepts involved in software development alongside experience in its practical applications. In the classroom, I've taken or am in the process of completing classes such as Computation Theory, Systems Fundamentals, Computer Networks and Machine Learning. Most critically, I've taken Computer Security, a class that involved theory lessons and hands-on assignments on the principles of secure systems and exploiting vulnerabilities.

Outside of the classroom, I've worked on both personal and professional software projects. In my most recent internship as a full stack developer at Sweetist, I wrote unit tests, added design specifications to the company's website, and implemented a number of new features such as the ability to query, compare, and graphically visualize sets of shipment data over a time range. In my time there, I heavily used JavaScript, HTML, CSS, and Ruby on Rails while also gaining exposure to SQL databases and the Heroku deployment process. I have since used these tools alongside other skills in my own personal projects, which includes my website, an interactive statistics visualization program, and an in-terminal text editor for quickly renaming files. Through experiences like this, I've worked both alone and in teams to interact with technologies ranging from low level systems to high level web development frameworks.

I know I am still learning and have much to gain from working as an intern at FireEye considering the promising support and project experience offered by the program. However, I have proven that I am capable of making my own contributions and would work hard to support the company.

Thank you for your time and consideration. I look forward to hearing your response.

Regards,
Ivan Lin