Samantha Yu

Dear Sir or Madam,

Please accept my application for the **High School Summer Student internship** at Hootsuite in Vancouver. I desire to work alongside and learn from ambitious, creative, and dedicated individuals in an innovative company like Hootsuite. I believe that Hootsuite is transforming human interaction and I want to be a part of that movement.

Over the past few years, I have learned HTML, CSS, JavaScript, and Java. I am intrigued by the idea that I can potentially create both real and imaginary constructs and solve complex problems using software. Due to my fascination with software technology, I plan to major in Computer Science at either the University of British Columbia or Simon Fraser University.

For my Computers 11 class, I designed a significant portion of the **Senior Girls' Volleyball Provincials' website** (aagprovincials.surreychristian.com) with HTML, CSS, and some jQuery. I spent countless hours outside of class making the website as intuitive as possible. As part of the design team, I was responsible for not only editing my peers' code, but also for designing the overall layout of the website. I added user friendly features such as the drop-down menu bar, footer menu, and the home page's slideshow. As a result of this extensive web design, I have been hired to create a couple of websites for a professional mediator and violinist.

During this same computer class, I designed a **Blackjack** game using JavaScript. My version of this classic game had an unconventional use of monetary funds to add another dimension to the traditional gameplay.

For my online AP Computer Science 12 class, I created a **Paint Program** using Java. In order to implement my own ideas for this program, I thoroughly researched the Java documentation on topics that had not been introduced in the course. Since this paint program was built around the idea of double buffering, I had to change how this concept was implemented when I introduced the aspect of layers. Although I have already completed this course, I continue to improve my paint program and I plan to add an eraser tool and an undo button.

Please refer to my website, **http://samanthayu.github.io/**, to view my Blackjack game and Paint Program along with more in-depth explanations and my source code. Thank you for considering my application for Hootsuite's High School Summer Student internship.

Sincerely,

Samantha Yu