November 15, 2015

Google Headquarters
1600 Amphiteatre Parkway
Mountain View, California
94043

To whom it may concern,

Computers have been a part of my life for as long as I can remember and have been interested in programming for over a decade. Throughout my education and previous work I have always found myself pulled towards programming and computer science and I am very excited to finally be gaining the skills to create software for both web and mobile environments. I understand that although a passion for programming is necessary to be successful in the industry, that passion must also be backed up by solid design skills and coding ability.

During my time working at Skunkwerks Kinetic Industries I was part of a small engineering team which allowed me to gain experience designing and implementing systems that would later be integrated with systems implemented by other members of the team. This work further developed the design and collaboration skills I have developed during my degree and the University of British Columbia. At Skunkwerks Kinetic I gained experience working with a small team to produce a product that met the specifications outlined by the game designers at the company. Working on a small team has allowed me to gain experience in multiple areas of the software development process instead of focusing on a single area which I feel has made me a more adaptable developer, able to fit in at whatever position a team needs me to fill. I have found that while developing software for school, work, and in my own free time, the analytical thinking and communication skills from my psychology degree have been immensely helpful both in the design and implementation phases of software development.

During my psychology degree and the work I did at the UBC pain lab after completing the degree I was involved in planning and designing several student-run laboratory experiments and helped analyze the data that was gathered. This experience gave me experience working with a small group and going through the process of iterative design, similar to the agile methodology of software development. During this time I also trained myself and was certified in the Facial Action Coding system, a behavioral coding system which assigns a label to every muscle movement in the face which can be combined to describe all possible facial expressions. This training required over one hundred hours of independent study and practice before taking the certification exam.

I believe that this position will allow me to further my skills in all aspects of the software development process. I feel that my technical and communication skills as well as my passion for coding will make me a strong addition to the Google team. Thank you for considering my application.

Sincerely,

Spencer Lee