

ZACHARY G. BAYLIN

me@zachbayl.in | (770) 722-8911 | 155 Spalding Creek Ct, Atlanta, GA 30350

September 23, 2019

George P. Burdell
White & Gold
801 Atlantic Drive
Atlanta, GA 30332

Dear Mr. Burdell,

I am a first-year Computer Science student at the Georgia Institute of Technology, with interests in engineering software for quantitative financial applications. I am contacting you in regards to the Software Engineering position you have listed as available online. I learned of the position while browsing Angel, and was immediately intrigued by how your current team was able to develop proprietary trading algorithms and solve complex mathematical puzzles. I have worked on projects within this realm, such as SECurity-py, an application that helps traders analyze the trends of big financial firms by historically tracking the trends of their holdings, as released through 13F-HR forms. As such, I believe based both on my passion for the topic of quantitative finance, and my qualifications therein, I would be an excellent fit for this position at White & Gold.

Most recently, I have been serving as CTO and lead developer at an educational software company I founded: Rolltrax LLC. Through my ongoing experience with Rolltrax, I have realized that my passions lie much more in the abstract mathematical realm of software engineering. I have been lucky enough to take charge on many internal open-source projects that have helped me strengthen this passion. I also have developed an enthusiasm for algorithm development through taking Applied Combinatorics, a class taught by Dr. Tom Trotter at Georgia Tech.

As a student at Georgia Tech, I either have taken, or will take, numerous classes that will build a solid foundation for the skills required for your position at White & Gold. I am also enthusiastic about teaching myself principles of software engineering. I have been programming since I was only ten years-old, and even though I have had little formal computer science education up to this point, I have a breadth of knowledge in the field, whether it be from the projects I did on my own, or through my company Rolltrax.

I am confident that my technical skills, interests, and prior experiences are an exemplary fit to the needs of not only position, but to White & Gold as a whole. I am excited to see what interesting challenges this position might bring, and I hope to help provide continued success to your corporation. If you have any questions or concerns about my background, experience, or abilities to contribute to White & Gold, you can contact me via email (me@zachbayl.in) or phone ((770) 722-8911). Thank you for your consideration, and I look forward to hearing back from you soon.

Regards,
Zachary G. Baylin