Dear Engineering Hiring Team, (To whom it may concern)

I am inquiring about the Summer Engineering Internship being offered by Faraday Future. My name is Alex Valente and I am a current student at the University of Southern California. I am double majoring in both Computer Science and Electrical Engineering. As such, when I first heard about an opportunity to work for FF I was thrilled and quickly looked deeper in to the position. I was first informed about this opportunity via an email sent out by my university swim coach, Dave Salo. Dr. Salo was first contacted by current employee, and former USC Men’s Swimming member, JT Guerin who stated that Faraday Future was looking to hiring interns in their engineering department over this summer. Due to my broad skill set in multiple fields of engineering I believe that I would be a strong candidate for this position.

While my college academic career is still fresh, I have had an extensive background in engineering that starts with high school. As an 8th grade student I applied to the Dos Pueblos Engineering Academy for high school and was admitted for the four-year program that prepared me for the work force in a very unique way. During my years there I was taught the in’s and out’s of may industry standards including, but not limited to: CAD; Control System design, manufacture and programing; injection molds and casting; 3D printing; version control management; and use of industrial machinery such as mills, lathes, CNC milling and routing, C02 Laser cutting and all other basic machinery found in a machine shop. All these skills were put to the test when my class built the Carrousel of Physics, our capstone project.

The Carousel of Physics was a mechatronic installation made up of 15 different sectors each educationally displaying a concept in physics. These topics ranged from waves and oscillators to optical lasers, and the sector I lead covered the field of Electrostatics. While this project was for high school, it was no small feat to complete. With over 50,000 custom parts all made in house, our product was held to the highest standard of precision and was valued close to a million dollars. This not only gave me deep insight in to the process that goes into a large scale project, but also how to manage personal work, while leading others and making sure everyone in my sector kept up with the work that was due at the given deadlines. This makes me a unique candidate because I have seen and experienced the high tension environment that a real world situation might produce.

On top of all the work provided by the engineering academy I also have swam at an extremely high level of competition since my freshmen year of high school. The summer going in to my senior year I gained the titles of Jr. National Champion and Jr. Pan Pacific Champion in the 100 butterfly. These accomplishments then lead me to Swim for the University of Southern California Men’s Swim and Dive team. While my swimming career has led to many accomplishments and opportunities it has taught me to time manage to a degree that most students my age could not. Between taking a full course load, having to train with the team 4+ hours a day, and attempting to sleep a full night, I have come to understand that no time should be wasted. This also makes me a great candidate because it shows that I understand time constraints and how to plan the needed time around my schedule.

I am extremely interested in hearing more about this opportunity and would truly appreciate (love) an interview to hear more about your requirements. Please feel free to contact me at (805)698-6024 or by email at [alexval1323@gmail.com](mailto:alexval1323@gmail.com). Thank you so much for your time and consideration.

Sincerely,

Alex Valente