Dear Engineering Hiring Team, \*\*NOTE: Choose one or the other. If you know who you are addressing, then address them i.e. Engineering Hiring Committee, etc. If you don’t know, then use “To Whom it May Concern:” (To whom it may concern)

~~I write to inquire about the Summer Engineering Internship 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 Faraday Future, I was thrilled and quickly sought more information regarding 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. \*\*NOTE: Highlighted text in red…why is this relevant? Upon learning of the necessary qualifications and responsibilities, I’m confident that my broad skill set in multiple fields of engineering makes me a strong candidate for this position.~~

While my college academic career is still fresh, my experience in the field of engineering extends back to my time in high school. I attended Dos Pueblos Engineering Academy whose four-year high school program took a unique approach at preparing us for the work force. My years there taught me the in’s and out’s of the 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 demonstrating a concept in physics. Although I specifically lead the sector covering the field of Electrostatics, the topics ranged from waves and oscillators to optical lasers. While this was a high school project, its completion was no small feat. With over 50,000 house-made custom parts our product was held to the highest standard of precision and valued close to a million dollars. This assignment gave me deeper insight into the process of completing a large-scale project, specifically balancing my own personal work with my responsibilities in a leadership role. Communication, coordination and clear expectations helped me manage my team member’s respective workloads and deadlines. I feel this experience makes me a unique candidate because I have seen and experienced a high-stress 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 into my senior year, I earned the titles of both Jr. National Champion and Jr. Pan Pacific Champion in the 100 Butterfly. These accomplishments then led me to swim for the USC Men’s Swim and Dive team. Now, between training with the team 4+ hours a day, taking a full course load and attempting to sleep a full night, I’ve learned to time manage to a degree that most students my age could not. My effective time management skills make me an excellent candidate, as they demonstrate my unique ability to operate well within time constraints and plan the needed time around my schedule.

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

Sincerely,

Alex Valente