To Whom it May Concern,

My name is Alex Valente and I write to inquire about the Summer Engineering Internship being offered by Faraday Future. I am currently student at the University of Southern California, 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 informed about this opportunity by Dave Salo, head coach of the swim program here at Southern California, who was contacted by JT Guerin, current FFemployee and USC Men’s Swim alum, who stated that Faraday Future was looking to hiring interns. 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.

As I finish my sophomore year I have gained extensive amounts valuable information, but 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 led 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 gained the titles of Jr. National Champion and Jr. Pan Pacific Champion in the 100 Meter Butterfly. These accomplishments afforded me the opportunity to be a part of the Men’s Swim and Dive team at the University of Southern California. My swimming career has led to many accomplishments and opportunities, but between training with the team 4+ hours a day, taking a full course load and attempting to sleep a full night, I’ve learned time management skills that many students may age lack. 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 greatly appreciate the opportunity for an interview. Please feel free to contact me at (805) 698-6024 to speak in person or by email at [alexval1323@gmail.com](mailto:alexval1323@gmail.com). Thank you so much for your time and consideration.