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Academic Enrichment Courses:

- M 328K - Introduction to Number Theory
- MAN 327 - Innovation and Entrepreneurship
- ITD 350 - Design/Artificial Intel
- ITD 370 - Radical Collaboration: Design
- ITD 301D - Intro to Design Thinking

I have always been very interested in robotics. I think they are going to change the world in my lifetime, and I want to be a part of it. After graduation, I intend to start a robotics company that designs, builds, and programs robots to perform various functions. There is no doubt that the Electrical Engineering courses that I am taking will prepare me for the programming part, but I feel that I need additional experience to develop my design and business skills.

For that reason, I have selected Academic Enrichment as my secondary tech core and have chosen 15 hours of coursework that I believe will help me in the future as the leader of a robotics company. These classes will complement my primary technical core and give me the complete skills I need to get off to be successful upon graduation.

All but one of the courses I have listed are upper division courses that will give me the opportunity to develop useful skills to help me with Entrepreneurship and Design, both of which will be very important to my future. MAN 327 is a course in which students research opportunities to innovate in new markets. This will help me to identify the markets that could benefit from robotic technology. ITD 301 will introduce me to design thinking and design methods. ITD 350 is interesting because it focuses on designing solutions for problems in artificial intelligence and robotics, which directly relates to what I plan to do.

Lastly, ITD 370 will give me a chance to practice design in a real-world environment. The class is held at IBM Design Studio, where I will be able to work on projects with other students that IBM designers have had to work through, while getting help from employee mentors. I believe it will be a great opportunity to learn in a unique but very practical way.

Taking these courses along with my software courses will provide me a successful start on the career path that I want to follow by helping me develop the unique set of skills that are required to start a robotics company.