

# Khalil Estell

5107 Greenberry Dr  
Sacramento, CA 95841

916-477-9645

[kammcecorp@gmail.com](mailto:kammcecorp@gmail.com)

My Channel

<https://www.youtube.com/channel/UCgkdIYrsyC3oRL8ymrMkDXw>

SJSU Robotics Team Channel

<https://www.youtube.com/watch?v=fMiBnroc82Q>

My Website:

<http://kammce.io>

**April 5th, 2016**

**To: Tile Employer**

Dear hiring manager,


I was introduced to Tile last semester at the San Jose State Engineering Career fair. I am typically brush past the majority of the startups at the career fair, but something was different about the company Tile. When I learned about the Tile product, I got excited and wanted one for myself and wanted work on it as well. My objective is to work during the summer as a hardware engineer where I can use my firmware, electrical engineering, manufacturing, and design skills to use on this project. The skills I have acquired from my course work as a Computer Engineer, my previous work at NASA Ames, CrossTrac LLC, and as president of the San Jose State University Robotics team qualifies me for a position at Tile.

At San Jose State University, I have taken courses on advanced algorithms, data structures, microcontroller programming, electronics for embedded systems and FPGA verilog design. An example of my my LPCXpresso MCU to FPGA servo controller. See my youtube channel on the side for video demonstration.

My work as president of the San Jose State University Robotics Team has given me hands on skills far beyond what is taught in my curriculum. I have learned the process of PCB design, circuit analysis, and PCB troubleshooting. I have also learned mechanical design for mission critical operations, how to use 3D modeling software such as SolidWorks and OnShape, how to run FEA with Solidworks and SimScale, and how to use professional and commercial 3D printers for rapid prototyping. I have created vibrant and intuitive interfaces and websites using HTML5. I have also built a lightweight, fast, effective, IoT connected, fully documented framework for controlling robotic systems from across the country that is easy to use, easy to understand and uses NodeJS along-side websockets.

The uploaded resume provides an short overview of my education, experience and my skills. It would be my pleasure to meet with you at your convenience to discuss an opportunity for me to work at Tile this summer. To contact me, please call me at my cell number **916-477-9645** or email me at **kammcecorp@gmail.com**

Sincerely,

A handwritten signature in black ink that reads "Khalil Estell". The signature is written in a cursive, flowing style. The first name "Khalil" is written with a large, stylized 'K' and a long horizontal stroke underneath. The last name "Estell" is written with a large, stylized 'E' and a long horizontal stroke underneath.

Khalil A. Estell