

Sener Yalcin

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Education

University of California, Los Angeles

Bachelor of Science, Electrical Engineering

Expected March 2017

Relevant Coursework:

Circuit Theory, Electromagnetism, Logic Design, Principles of Feedback Control, Digital Signal Processing, Solid State Physics, Communication Systems, Photonics, Biophotonics, Analog Circuits

Projects

Ozcan Research Group (*HHMI Undergraduate Research Assistant*)

Summer 2016 – Current

- Focused on building lens-free, portable imaging devices to detect medical conditions.
- Designed and built circuits and PCB's to control device components and moving parts.
- Created a GUI to adjust parameters and capture/save images via computer.

NATCAR Competition (*UCLA IEEE Team Project*)

Fall 2014 – Spring 2015

- Programmed and built an autonomous line-following vehicle with the use of micro-controller.
- Vehicle successfully completed the track at the NATCAR Competition held at UC Davis.

Signal Lamps for Bicycles (*Electrical Engineering 3 Partner Project*)

Fall 2014

- Designed a pressure sensitive LED brake lamp and blinking turn signal lamp for bicycles.
- Implemented without a micro-controller for cost efficiency.

Work Experience

Izakaya Japanese Restaurant, *Waiter*

June 2014 – August 2014

- Served customers and communicated with workers in both English and Japanese.
- Cleaned and set up restaurant before and after operational hours.

Other Involvements

UCLA Kendo Club (*Japanese martial art*)

September 2013 – Current

- Competed in intercollegiate tournaments in both individual and team competitions.

Skills

Technical Languages: MATLAB, C/C++, C#, Verilog, Python

Applications: EAGLE, LTspice, Vivado, Autodesk Inventor, Adobe Illustrator, LabView

Languages: Fluent in English, Japanese, and Turkish.