CAMDEN PENN

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EDUCATION

Bachelor's in Computer Engineering

Sophomore [4.0 GPA]

University of Kentucky

Projected Graduation: 2020

Bachelor's in Computer Science

Sophomore [4.0 GPA]

University of Kentucky

Projected Graduation: 2020

Relevant classes: Logic and Theory of Computing, Digital Logic Design, Algorithms, Systems.

Honors track: Scholars in Engineering and Management

SKILLS

Programming Languages

· C++

· Web Development [Angular, JS/CSS/HTML]

· MATLAB

Software

· Microsoft Office, including Word, Excel, PowerPoint, and Access

· Autodesk EAGLE

World Language

· Spanish (primarily Latin American)

LEAN Systems Certified

· Student certification earned January 2018

EXPERIENCE

Summer 2017 — **SharePoint Web Developer,** Samtec

I created Angular forms to enhance the default SharePoint user experience and workflows to automate certain administrative tasks. I also founded and built out a library of reusable code to ease setting up new projects.

Fall 2016 - Present — **Teacher's Assistant,** First-Year Engineering Program

I help my professors by assisting confused students; supplying students with materials in the design class, EGR 103; and writing and maintaining a utility script that interfaces with a particularly fragile part of MATLAB. This utility code, by one professor's estimation,

has saved hundreds of hours of student frustration and teacher time. This script can be found on my GitHub account, camden-penn, in the repo MATLAB-ArduinoIO-Connectors.

ACTIVITIES

Fall 2016 – Present	**UK Solar Car Team, Member:** Am helping build and maintain the electrical systems on the solar car. The most high-profile of these is the Battery Protection and Management System, which prevents our lithium-ion batteries from exploding.
2009 – 2016:	**Boy Scout Troop 306, Senior Patrol Leader**: Instructed younger members in Scout skills, organized meetings, led campouts and activities

OTHER CREDENTIALS

National Merit Finalist

Eagle Scout: Completion involved a service project for the charity organization OneSight that gathered 420 pairs of used eyeglasses for donation, attainment of more than 40 of the Boy Scouts of America's available merit badges, and years of dedication to Boy Scout Troop 306.