Leelai Hayslett

Hanover, PA 17331 | (443)845-3031 | leelai.hayslett@gmail.com | LinkedIn

Education

University of Pennsylvania, Philadelphia, PA — February 2022 – July 2022
Software Developing Bootcamp – Graduation July 2022

Florida Institute of Technology, Melbourne, FL — August 2016 – December 2020
Bachelor of Science Mechanical Engineering – Graduated December 2020
A sworn member of the Order of Engineers
Society of Automotive Engineering International Member (BAJA SAE)

Oxford University, Oxford, United Kingdom — Summers 2017 & 2018
Summer Study Abroad Program

Anne Arundel County, College Park, MD — September 2015 – May 2016
STEM College Course during high school

Severna Park High School, Severna Park, MD — September 2012 – May 2016
High School Diploma

Software Familiarity, Skills and Interests

PTC Creo	Java Script	Simulink	International travel and adaptability
SolidWorks	HTML	Git Bash	Thermodynamics
MATLAB	Git Hub	Machine Tools	Japanese Language
AutoCAD	C++	3D-Printing	French Language
Revit	CSS Programing	MS Office	
Inventor	Python	Adobe	

Engineering Projects

Senior Design I & II – BAJA SAE
Designed and created model off-road vehicle using SolidWorks and Optimum K per BAJA SAE rules and regulations. Presented findings and project summary report.

- Determined and calculated how forces would react with our vehicle under varying conditions
- Assembled chassis, suspension, and powertrain systems
- Designed and fabricated experimental support infrastructure system with SolidWorks
- Developed stress analysis tests to determine if all steel members were structurally sound
- Performed suspension design motion analysis test and force load tests
- Managed team members through each short-term and long-term goals.

Employment History

CCI Systems, Hanover, PA — March 2022 – Present
Design Engineer 1
Consulting inventory reports and handling company merchandise for consumer access by organizing product on shelves.