Alina Pavel

About Me

A self-driven, well-rounded individual with an interest in creative work and design. Experience and coursework in many topics, such as engineering design, web design and UI/UX design.

Technical Skills

Figma   HTML/CSS

JavaScript   XD

Webflow   Illustrator

Photoshop   SketchUp

Python   MATLAB

AutoCAD   MS Office

Education

University of Waterloo
BASc, Honours Nanotechnology Engineering
2016-2021

Calarts (Coursera)
UI/UX Design Specialization
2020

(416) 931 0628
alinapavel@rogers.com
aplennie.site

Work Experience

Assembly Engineering Specialist
Toyota Motor Manufacturing (Woodstock, ON)   Winter 2020

○ Assisted with the implementation and planning of Kaizen (improvement) projects to replace manually driven carts with autonomous vehicles (AGVs, SDVs) to eliminate over 200km/day of manned driving.

○ Applied and worked with lean manufacturing principles such as 5S, Kanban, and Just-in-time in order to reduce muda (waste) and ensure efficient production.

○ Improved project management skills by developing timelines, RFPs, bid specs, and participating in meetings with vendors & contractors.

Automation Specialist
Rockwell Automation (Cambridge, ON)   Fall 2018/Winter 2019

○ Assisted with development of demo application for the annual Rockwell Automation Fair by troubleshooting and testing of PLC and HMI programs to ensure deliverables were completed on time.

○ Performed general IT tasks such as troubleshooting, setting up servers and virtual machines, installing operating systems and software, and mapping networks.

○ Collaborated with team members to perform testing of PLC applications and fix programming issues.

Engineering Co-op
IBI Group (Richmond Hill, ON)   Winter 2018

○ Assisted with HMI (UI) development for a system controlling plant equipment in several Toronto Wastewater Treatment Plants.

○ Participated in internal software testing to ensure functionality of HMI and PLC programs and logic.

SCADA Student
Cole Engineering Group (Markham, ON)   Summer 2017

○ Gained working knowledge of PLC's and SCADA systems used in process automation, specifically in the water/wastewater industry.

○ Managed design and planning of a tilt monitoring system used to transmit data from a slope failure site.