

KYLE JIAN

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EDUCATION

University of Western Ontario, London, Ontario

Expected Graduation 2027

- B.E.Sc Mechatronic Systems Engineering & Artificial Intelligence System Engineering
- Scholarships: *Western Admission Scholarship*

TECHNICAL SKILLS

- Computer Languages: *Java, JavaScript, HTML, CSS, C, C++, MATLAB, Python, SQL*
- Tools: *SOLIDWORKS, Altium, Fusion 360, Onshape, AutoCAD, Arduino, Microsoft 365, Google Workspace, Docker, Git, Oracle Cloud, Firebase, Google Cloud, Adobe After Effects, ManagerPlus 2019, Microsoft SSMS*
- Certifications: *SOLIDWORKS Associate - Mechanical Design*
- Skills: *Problem-solving, Teamwork, Creative thinking, Adaptability, Communication, Data Entry, Flexibility, Quick-learning, Self-motivated*

PROFESSIONAL EXPERIENCE

Video Production Assistant – Schneider & Pollock Wealth Management Inc

April 2024 – Present

- Independently crafted engaging intro/outro sequences and executed post-production editing for webcast videos.
- Utilized Adobe After Effects to create captivating graphics, ensuring visual consistency and professionalism.
- Managed project requirements autonomously, ensuring timely delivery of high-quality video content.
- Solicited feedback from stakeholders and maintained organized files for efficient workflow

Assistant Maintenance Planner – Sodecia Automotive London Inc.

July 2024 – September 2024

- Implemented the transition from paper to digital using the *ManagerPlus 2019*, improving efficiency and accountability for maintenance tasks.
- Collaborated with the Tooling and Quality departments to streamline processes.
- Managed the ManagerPlus database using SQL and Microsoft SQL Server, optimizing data management and reporting.
- Trained maintenance staff for effective use with ManagerPlus.
- Led the planning for the mobile version of ManagerPlus to enhance accessibility and real-time data management.
- Provided training for the new incoming Maintenance Planner, ensuring a comprehensive understanding of software and task management.

PROJECTS & LEADERSHIP EXPERIENCE

Western Sunstang Solar Car Project, General Member, London, Ontario

September 2023 – Present

- Designed and prototyped a custom steering wheel through 3D printing, optimizing its size, shape, and materials for performance and integrated electronic components into the steering wheel for enhanced functionality
- Assisted in manufacturing bus bars for the batteries using milling machines and tools, ensuring precision and quality

Western Engineering Electrium Mobility, General Member, London, Ontario

September 2024 – Present

- Actively participate in team meetings and contribute to project discussions.
- Contributed to the longboard project by creating CAD designs for longboard trucks.
- Assisted in sourcing parts for the longboard build.

Web Development Volunteer

February, 2024 – May, 2024

- Developed an PDF summarization tool using Google Cloud Platform and Google Gemini for accurate natural language processing.
- Conducted extensive testing and optimization for enhanced accuracy and performance.
- Created an intuitive user interface for easy document handling.

R. U Hacking 2021

June 26, 2021 – June 27, 2021

- Won the “Best Hardware Hack” category
- Used Arduino to develop software and hardware to detect seismic activity