

Tom DesRosiers

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EDUCATION:

2016 LAWRENCE TECHNOLOGICAL UNIVERSITY College of Engineering, Southfield, Michigan
Master of Science in Electrical and Computer Engineering

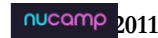
2005 OAKLAND UNIVERSITY School of Engineering and Computer Science, Rochester, Michigan
Bachelor of Computer Science

Certifications:

2017-2019 OAKLAND COMMUNITY COLLEGE
Certificate in FANUC Robotics



2021 NUCAMP
Front End & Mobile Development bootcamp



IT Technician



EXPERIENCE:

October 2021 - Present **Global IT Applications Coordinator**
Pangea / AutoLeather

- Coordinate the creation of applications to solve business needs
- Create Workflows / User Interfaces
- Custom Javascript / CSS / HTML

Jun 2021-September 2021 **Systems Engineer**
Fanuc Robotics / Contract thru 4D Systems

- Work on an integration team to integrate Robotic systems for Clients
- Teach and Program FANUC robotics

Feb 2020 – Jun 2021 **SharePoint/Applications Analyst**
GST Autoleather / Trillium Technical

- Create custom business solutions
- Custom SharePoint sites and applications
- Custom Access Database system
- Used JavaScript, HTML, CSS, SharePoint Designer Workflows
- Assist with migration/upgrade from older versions of SharePoint

Programs: Sharegate, SharePoint Designer 2013, Microsoft Access
Languages: HTML, JavaScript, CSS, SharePoint client side rendering (JS Link)

May 2019 – August 2019 **Associate Service/Installation Engineer (Internship)**
FANUC America Corporation, Rochester Hills, Michigan

- Completed training classes at FANUC robotics training center (FANUC ACADEMY)
Handling Tool and Programming and Mechanical Disassembly/ Assembly
- Assisted in the repair / inspection and testing of FANUC industrial Robotics
- Traveled across country to client sites to diagnose, repair and perform preventive maintenance on FANUC robotics systems
- Helped to inspect and repair robots sent to FANUC for Recertification
- Performed robot control software back-ups and updates
- Created inspection reports on the FANUC robots
- Read technical manuals / diagrams in order to perform repair procedures

Programs: FANUC Handling Tool Software
Languages/Technologies: FANUC TPP programming language
Tools: digital levels, torque wrenches, impact/air tools

February 2017 – May 2019

SharePoint Administrator/Developer

Mphasis IT and Engineering Technologies, Auburn Hills, Michigan

- Maintain SharePoint Online solution used for metrics and staffing.
- Create custom SharePoint solutions to automate and manage business activities.
- Customize SharePoint branding using with CSS, HTML
- Develop custom forms and workflows using SharePoint Designer, Microsoft Flow and PowerApps

Programs: SharePoint Designer, Visual Studio Code, SharePoint Online, Microsoft InfoPath, Microsoft PowerApps, Microsoft Flow, Excel Power Query

Languages/Technologies: JavaScript, HTML, CSS, Bootstrap, jQuery

January 2016 – February 2017

Technical Support Representative

Hewlett Packard Enterprise (contract through 'Modis IT and Engineering'), Pontiac, Michigan

- Provided support to corporate users on both Apple (IOS) and Microsoft platforms to resolve hardware, system, application, administration and configuration issues.
- Provided solutions to clients by identifying problems, researching answers and guiding clients through corrective steps.
- Handled trouble tickets with support intervention for urgent issues.
- Identified and escalated priority issues per client specifications.

Programs: Service Now (ticketing system), Mobile Iron (IOS management tool), Active Directory, McAfee Account Manager

April 2001 – January 2016

Logistics Coordinator / Safety Manager / Local Fleet Compliance Officer/ Assistant Dispatcher

Palmer Logistics (North American Van Lines), Warren, Michigan

- Directed activities related to dispatching, routing, and tracking ground shipments across North America
- Supervised activities of workers engaged in receiving, storing, and shipping products and materials
- Functioned as manager of safety and compliance
- Issued shipping instructions and routing information to ensure delivery times and locations were coordinated
- Maintained data records and inventory in Access-based equipment usage maintenance system

Programs: Microsoft Office, Access, Movers Suite (used for order tracking, dispatching, accounting), GPS fleet tracking software and hardware (assisted with installation)

SKILLS:

Languages

Proficient: JavaScript, HTML, CSS, C++, Embedded C, Fanuc TPP

Familiarity: Java, MATLAB, Maple, ARM Processor Assembly, Arduino Libraries

Programs:

Proficient: SharePoint Online, SharePoint Designer, Office 365, Atmel Keil IDE, MATLAB
Fanuc Robotics Handling Pro

Familiarity: Simulink

ASSOCIATIONS:

Institute of Electrical and Electronics Engineers (IEEE), *Member*

To learn more about me including projects I have completed please visit @

www.tomdesrosiers.com

<https://github.com/tadesros>
