



Trevor Black

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Social Media

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Education

St. Lawrence College - Kingston ON -
Electronics Engineering Technology

Certifications

OACETT - C.E.T.
Layout Designer Certificates
E.E.T. Diploma
C.P.R. First Aid (level C)
Health & Safety Awareness
CAAMP Membership
OSHA - NOSH-C-1

Awards

Millennium Scholarship
Parliament of Canada
Academic Awards
St. Lawrence College -
Engineering Department
Most Improved Player Award
St. Lawrence College -
Men's Basketball Team
Athletic Scholarship
H.B. Beal High School -
Senior Boys Basketball Team

Summary

Electronics Engineering Technologist with several years of industry experience & training, OACETT certification, and various achievements, scholarships & awards.

Employment

Microcad ~ Temp (2018-2020) - Electronics Technician - *London ON*
Refurbished desktops & laptops incl. Apple, HP, Lenovo, and Dell machines.

L.I.N. ~ Self-employed (2015-present) - PCB Designer - *London ON*
Provides 'state-of-the-art' PCB design services for industry clients.

Direct Sales Force (2011-2014) - Regional Program Manager - *Toronto ON*
Pioneered the Primus kiosk program within Costco locations nationwide.

W.R. Davis Engineering (2009-2010) - Electronic Engineer - *Ottawa ON*
Built several MCU's & power cabinets for a Segmented Wave Generator.

Absopulse Electronics (2007-2009) - Electronic Technologist - *Ottawa ON*
Manual placement & soldering of Power Supply & Light Conversion circuits.

Vision Circuit Technologies (2004-2007) - PCB Designer - *Ottawa ON*
Revised schematics & layout designs for high-technology clients.

Mentor Graphics (2001-2003) - Applications Engineer - *Mississauga ON*
Technical Consultant & Support Adviser for 'B2B' high technology clients.

Achievements

- Contributing to a team effort of increasing production from contemplation of hiring more staff to sustain order requests, to being ahead of production within first month of employment - **Microcad**
- Designed & Assembled (4) Master Control Units (MCUs) and (7) Power Cabinets used for South Korea's Segmented Wave Generator (SWG) - **W.R. Davis Engineering**
- Within 2 years, developed Primus program from a single kiosk to 13 Costco locations nationwide - **DSF**
- Revised dozens of layouts & schematics for Ottawa high technology clients - **Vision Circuits**
- Manual Placement & Soldering of Power Supply and Power & Light Converter circuits - **Absopulse**
- Performed PCB revisions for the UAV Aircraft Control & Failsafe Management System - **L.I.N.**
- Arranged old schematics into logical hierarchy blocks for troubleshooting & analytical purposes - **L.I.N.**

Areas of Specialization

- **PCB Design Software** - Altium Designer, Cadence Allegro, Mentor PADS & Expedition, EAGLE, Pulsonix, DesignSpark PCB, IPC Library Expert, KiCAD
- **3D Mechanical Software** - DesignSpark Mechanical, CADopia InteleCAD;
- **Engineering Software** - Digital Signal Processing (DSP), Maple; Matlab, Borland C++
- **Lab Equipment** - Oscilloscopes, Multi-meters, Spectrum Analyzers, Function Generators
- **Operating Systems** - Windows 7 & 10, Linux, Android, iOS, MacOS

Skills & Attributes

- Organized with proven analytical and problem solving abilities.
- Analytical, goal-directed, methodical, calm, efficient & strategy oriented.
- Thrives within a team unit and appreciates the concept of company success.
- Well-developed leadership skills with ability to train and motivate others.