

Michael E. Campbell

mikecamp13@gmail.com | www.mec83.info

SUMMARY:

Not just a CAD guy! Fast, accurate, knowledgeable, and flexible. Fifteen years of experience that range from redlines to full electrical panel design supported with electrical knowledge and specifications. An early history of mechanical work as a foundation for manufacturing. Later, I would transition to electrical work. Drafting panels was my start, a degree would secure my footing, and then propel me to be a qualified Engineering Technician.

PROFESSIONAL EXPERIENCE:

- 2022-2017 **Product Design Engineer / Network Engineer I**
Beta Raven – St. Charles, MO
- Panel Design/Drawing package creation/Redline corrections
 - Package Review to UL508A/Internal Project Management
 - OT Networking Design/Inventory Management/Project Management
- 2014-2016 **Drafter II**
Emerson: St. Louis, MO
- Panel Design/Drawing package creation/Redline corrections
- 2008-2014 **Electrical Engineering Technician/Electrical Designer/CAD Technician**
ControlTech Automation: St. Louis, MO
- Advance Panel, Enclosure, & Electrical Layout/Design/ Drawing Package Creation
 - Client Management and Project Execution
 - Quote Development
 - Review of Drawing Packages to UL508A
- 2007 **CAD Technician**
Monsanto (AG-ENG): St. Louis, MO
- Building Layouts and Vendor Machine Modeling in Solidworks
- 2006-2007 **CAD Technician**
Watlow Electric Mfg Co: Hannibal, MO
- AS-BUILT Entry/Microstation to Solidworks Conversions
- 2005-2006 **CAD Technician**
H&B Quality Tooling: Quincy, IL
- Paper to AutoCAD conversion
 - Design Assistant/Basic Machinist Work

EDUCATION:

- 2013 **Associate of Applied Science: Electrical/Electronic Engineer Technology (Honors)**
St. Louis Community College – Florissant, MO
- 2007 **Associate of Applied Science: Computer-Aided Design (High Honors)**
John Wood Community College – Quincy, IL

CERTIFICATES:

- 2017 UL508A, UL698A, SCCR
UL Knowledge Solutions – St. Louis, MO

CORE QUALIFICATIONS/SOFTWARE:

- Two years AutoCAD Electrical Experience
- 15 years AutoCAD Experience
- Two years modeling (Inventor & Solidworks)
- One year Autodesk Revit Building 9 (Class)/Microstation
- Some machinist experience
- 10 year Control Panel Design Experience
- UL508/CSA/NEC knowledge
- Allen Bradley/Bussman/Mersen/Hoffman/ABB Part
- SAP/Inventory Management
- AutoCAD Electrical 2016-2017
- AutoCAD 2004-2013
- Inventor 10-2017; Solidworks 2006-2011
- Microstation V8 (Basic)
- Microsoft Word, Excel, Power Point, Access
- OS (XP, 7, 10)
- HTML/XML/Javascript/PHP/MySQL
- Visual Basic/PLC/C++
- TCP/IP Networking