

John Hopkins

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EXECUTIVE SUMMARY

Experienced Energy Management Technician, Instructor, and Commercial Entrepreneur

Proven history of client facility cost reduction through detailed utility analysis and implementation of proposed technical solutions. Demonstrable commitment to energy reduction through continuous education and collaborative team building efforts. Extensive background in field, office, and classroom settings.

Communicates Value

Personal Integrity

Meets Expectations

SKILLS EMPHASISING ENERGY MANAGEMENT

- **Instructor and Curriculum Developer** (UA ITP/UA 393/Foothill JC) Completed UA Credential Program (13 years)
 - **UA ITP Instructor**
 - 20 hr Pumps Service and Repair
 - **UA 393 Journey Level**
 - EMS Johnson Controls Metasys multiple subjects
 - Advanced Start, Test, & Balance
 - HVAC STAR certification Prep
 - **UA 393 Apprentice Level**
 - Into to Direct Digital Controls
 - Advanced Electrical Controls
 - Pneumatics Fundamentals
 - Start, Test, & Balance
 - Journeyman Turnout Review
- **EMS** (Energy Management Systems) Design, Install, Programming, Commissioning (18 years)
 - **Tridium Niagara (R2 and AX Platform)** factory trained
 - Siemens/Staefa TNM
 - Honeywell WEBS
 - Distech, EC-BOS
 - **Johnson Controls Metasys** factory trained
 - N2 DX9100, VMA, UNT, N30, M3
 - BACnet FEC, VMA, NCE, NAE, CCT
 - **Distech** factory trained. Extensive LON/BACnet experience
 - ECP, ECL, ECB
 - GFX and Line code
 - **Siemens/Staefa** factory trained
 - SM2 DDC, VAV, HP, MUX
 - LON Predator, Raptor
 - BACnet TEC, TC
 - **Honeywell** factory trained
 - LON SPYDER, W7751
 - **Trane** Tracer Summit
 - **ALC**
- **VFD** (Variable Frequency Drives) Service and Repair up to 600HP (13 years)
 - **Danfoss** 40hr factory certification, service, repair, startup. Factory representative for region
 - **ABB** factory trained startup
 - **Yazkawa** factory trained startup
 - **Siemens BT300** factory trained startup
- **VRV/VRF** (Variable Refrigerant Flow) Service and Repair (8 years)
 - **Daikin** 40hr factory trained install, service, repair, startup. Factory representative for region
 - **Mitsubishi** service, repair, startup

SKILLS RELATED TO ENERGY MANAGEMENT

- **HVAC** Service, Repair, and Start up to 300 tons (25 years)
- **Foreman** (UA-MCAA certified) (18 years)
 - Construction EMS multiple projects/crews
 - Service six person team
- **Project Management** UA 90hr certified (8 years)
 - Construction up to 500k
 - Controls (EMS) up to 500k
 - Service up to 150K

TRAINING AND PERSONAL DEVELOPMENT EXPERIENCE

- 8/04- Now **LU 393 Pipe Trades Training Center** San Jose, CA
Curriculum Development
Journey Level Instruction
- 8/08- Now **Foothill College** San Jose, CA
Curriculum Development
Apprentice Level Instruction

WORK EXPERIENCE

- 5/05- Now **United Comfort Solutions, Inc.** Milpitas, CA
VP Operations
Controls Engineer
VFD VRV/VRF support
Project Management
- 5/04- 5/05 **N.V. Heathorn** San Leandro, CA
Developed and implemented EMS department
Foreman EMS projects
- 6/03- 5/04 **Monterey Mechanical** Oakland, CA
Journeyman EMS
- 5/94- 6/03 **Cal-Air, Inc.** San Jose, CA
Foreman EMS
Journeyman HVAC Service

EDUCATION

- Graduate DeAnza Jr. College AA General Education (2 Year)
- Graduate DeAnza Jr. College AS General Science (2 Year)
- Graduate LU-393 Apprenticeship Program (5 Year)
- Graduate UA Instructor Training Program (5 Year)