

Benjamin Wang

Markham, Ontario • (1-647) 525-5618 • benjaminwang2088@gmail.com

Senior Building Automation Professional with expertise in Building Automation System Design, system integration and strong programming skills. Completed a post-graduation course in Artificial Intelligence Design and Implementation. Skilled in system design, programming, commissioning, and troubleshooting, seeking opportunities in building automation roles.

QUALIFICATION/SKILLS

- Tridium Niagara AX Technical Certificate.
- Tridium Advanced Niagara AX Training.
- Project Management Professional
- Member of Ontario Society of Professional Engineers
- 15+ years' experience in BAS project management, software system programming, commissioning, system integration, and trouble-shoot.
- Proficient in Distech EC-Net (Niagara-4) and gfx programming software, Alerton Compass system, Honeywell Webs/Spyder.
- Work At Height/MEWP/FIRST AID/WHMIS etc.

EDUCATION

Graduate Certificate in Artificial Intelligence Design and Implementation

Durham College, Oshawa, Ontario

January 2022 - December 2022

Bachelor of Electrical Engineering

Fuzhou University, China

PROFESSIONAL EXPERIENCE

Project Manager –Building Automation System

Vann Intelligence Co. Ltd, Xiamen, China

Dec 2020 – June 2024

- **End-to-End Project Management:** Led projects through all phases, including scope development, procurement, design, installation, and commissioning. Ensured projects met quality, budget, and schedule targets.

- **Energy Conservation Implementation:** Reviewed findings, recommended ECMs, and oversaw on-site activities to ensure compliance with design and operational standards. Monitored system performance during the warranty period.
- **System Integration & Validation:** Validated the seamless integration of new systems with existing infrastructure, enhancing flexibility and reliability.
- **Financial Oversight:** Managed multi-million-dollar project portfolios, including budgeting, scheduling, and financial tracking. Regularly reported project status and recommended efficiency improvements.
- **Procurement & Compliance:** Prepared and managed procurement documents, evaluated bids, and ensured compliance with construction specifications through site inspections and final sign-off.

Project Engineer - Facio Inc, Toronto, ON

March 2017 – June 2020

Designed control system diagram, developed Sequence of Operation, Bill of Material and prepared as-builts.

- Conducted system graphic design, field controller programming, and third-party system integration (BACnet, Modbus, etc.)
- Commissioned and troubleshoot BAS systems and provided remote operation support for customers.

BAS Engineer/BAS Specialist - Jerry Control Inc, Fujian, China

October 2007 – December 2016

Tridium Niagara(N4/AX/JACE/VLC) /Alerton Product Lines (Backtalk/BCM/VLC)

- Designed control system diagram, developed Sequence of Operation, Bill of Material and prepared as-builts.
- Commissioned and assisted in start-up of HVAC system.
- Setup remote trouble-shoot programming environment for the system.
- Managed teams to complete the project on time and within the budget.

Controls Technician - VCI Controls Inc., Toronto, Canada

June 2006 – May 2007

Project Engineer-Fluor Daniel Inc., Kodak China program

June 1998 – May 2005

Design Engineer-China Power Grid, Fujian, China

Sep. 1993 – May 1998

PROFESSIONAL DEVELOPMENT

Master of Project Management Excellence

Fluor University of Fluor Inc

References Available Upon Request