

# André Watt

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## Education

**Bachelor of Engineering, Electrical Engineering** Jan 2030 - Dec 2035  
Concordia University, Montréal, QC

**Diploma of Vocational Studies, Automated Systems Electromechanics** Sep 2025 - Jan 2027  
École des métiers du Sud-Ouest-de-Montréal, Montréal, QC

## Relevant Work Experience

**Power system engineer intern** Jun 2034 - Sep 2034  
Eaton, Laval, QC

- Analyzed short circuit, load flow and balancing, capacity analysis, reliability, protection, voltage impact, and Arc Flash studies for power systems using CYME
- Collaborated with 4 engineers and technicians to model and simulate renewable energy power generation for steady-state operation and transient simulations with Simulink and CYME
- Consulted 5+ customers daily about project requirements and power system modeling strategies

**Electrical engineer intern** May 2033 - Aug 2033  
Hydro-Québec, Montréal, QC

- Designed, modeled, and implemented electrical instruments, facilities, components, protection systems, products, and systems using E3 and AutoCAD
- Analyzed and updated control and protection systems of high voltage power lines with engineers
- Prepared cost estimation, Bill of Materials (BOM), Return on Investments (ROI), test procedures, assembly drawings, and technical reports using AutoCAD, Word, and Excel

**Power system electrician** Jun 2027 – Dec 2032  
Hydro-Québec, Montréal, QC

- Troubleshoot, maintained, and repaired electrical equipment and their electrical, electronic, mechanical, pneumatic, and hydraulic components of transmission facilities and substations
- Established design criteria for equipment and electrical installation of transmission facilities
- Assisted team leaders with equipment maintenance, site inspection, project deliverables, quality assurance testing, improving workplace health and safety records, and training 11 team members

## Languages & Technical skills

- **Languages:** French (Fluent), English (Intermediate), German (Conversational)
- **Software:** AutoCAD, CYME, E3, Simulink, MS Office (Word, Excel, PowerPoint)
- **Other:** Control systems design, electrical engineering design, MATLAB, power distribution, power system protection, programmable logic controller (PLC), and technical documentation