ALEXANDER SCHNELL

COMPUTER ENGINEERING TECHNOLOGY - COMPUTING SCIENCE CO-OP STUDENT
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LinkedIn | GitHub

PROFILE

Motivated and engaged Level 2 student in Algonquin College's Computer Engineering Technology - Computing Science program, seeking a co-op opportunity in the IT field. Eager to apply course knowledge to real-world scenarios and expand technical skills in a professional IT environment. Developed basic programs with Object Oriented Programming in Java and a basic website in PHP, HTML and CSS. Committed to contributing fresh perspectives and smart solutions.

EDUCATION

Computer Engineering Technology - Computing Science Advanced Diploma | 2024 - 2027
Algonquin College, Ottawa, Ontario
- GPA: 3.7 / 4.0
- ✓ Dean's Honours List

Level 2 Course Load: Object Oriented Programming, Network Programming Basics, Operating Systems (GNU/Linux), Calculus 1, Technical Communications

Welding and Fabrication Techniques | 2021 – 2022
Algonquin College, Ottawa, Ontario
- Cumulative GPA: 3.5 / 4
- ✓ Dean's Honours List – 2/3 terms

PROGRAM-RELATED SKILLS

Programming Languages: Java, SQL, HTML, CSS, PHP
Network Analysis: Wireshark, Cisco Packet Tracer
Operating Systems: Windows, Linux
Database Management Systems: PostgreSQL
Software tools: Eclipse, VScode, pgAdmin 4, MySQL, VMWare Workstation, GitHub, Git, Excel

SOFT SKILLS

- Adaptability
- Problem-solving
- Excellent Communication (Oral/Written)
- Effective teamworking
- Time management
- Dependable
- Attention to detail
- Critical thinking
- Patience

PROJECTS

- [GitHub](#)
- Website (Work in progress) – A simple website to showcase my portfolio written in PHP, HTML, CSS and some JavaScript.

WORK EXPERIENCE

Welder/Pipefitter | May 2023 - Apr 2024
Fortier Stark Industrial, Winchester, Ontario, Canada
- Assembled, fabricated and welded complex piping systems for food, dairy and pharmaceutical industries.
- Interpreted 3D and isometric drawings along with piping and instrumentation drawings.
- Fabricated and welded sanitary and high-pressure piping to adhere strict tolerances.
- Inspected materials such as stainless steel and mild steel for defects.
- Cooperated with a team to complete shutdowns in a timely and efficient manner.
- Operated various mechanical lifts on and off site.

Jr. Welder | Aug 2022 - Dec 2022
Davis Engineering, Ottawa, Ontario, Canada
- Helped fabricate stainless steel structures manufactured for the Naval military industry.
- Prepped stainless steel sheet metal and piping for fabrication.
- Performed basic fitting tasks to assist other welders in fabrication.
- Assisted in cleaning of shop, fabrication tables and scrap bins.

Structural Welder | Feb 2022 - Aug 2022
Fortran Steel, Greely, Ontario, Canada
- Fabricated and welded structural beams, anchors, supports and railings.
- Interpreted simple structural blueprints for various structures.
- Operated various heavy equipment included shears, ironworkers, forklifts, and scissor lifts.
- Operated overhead crane while following strict safety procedures.
- Inspected crane for defects and abnormalities before every shift.

References Available upon request.