Harlan Jazz Ferguson

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Objective:

Seeking a full-stack software engineer internship as a Computer Programming and Analysis student with proficiency in time-sensitive problem-solving, object-oriented programming, design fundamentals, and interpersonal communication skills.

Highlights of Qualifications:

- Strong object-oriented programming design and implementation skills, including UML diagrams.
- Proficient in Python, Java, C#, PHP; comfortable with JavaScript, React, TypeScript, Linux environments, and CLI commands.
- Database design and implementation using Oracle SQL Developer, MySQL, and MongoDB.
- Scrum Fundamentals certification; proficient in Git and GitHub.
- Top 27% IEEEXtreme International Competitive Programming; strong problem-solving skills and ability to work well under pressure.
- Excellent interpersonal communication skills and team experience.
- Experienced in building and maintaining web applications as part of a development team.

Technical Skills:

- Proficient in Python, Java, C#, PHP, Oracle SQL Developer, MySQL.
- Comfortable with JavaScript, React, TypeScript, Linux environments, CLI commands, Raspberry Pi, and Arduino development.
- Familiar with .NET Core framework, Azure, AWS, C++, Docker, MongoDB, data structures, and algorithms.
- Proficient in Microsoft Office.
- Currently studying .NET Core framework, Azure, AWS, C++, Docker, MongoDB, data structures, and algorithms.

Relevant Experience:

Software Engineer, Communicadia, 2022-Present

- Part of a team developing a web application for a residential building, focusing on tenant-staff communications, documentation distribution, and public-facing information.
- Tasks include quality control, MVC project structure supervision, MongoDB design and implementation, content authoring, code review, and general development.
- Participating in bi-weekly sprints.
- Tech stack: Typescript, React, Python, Docker, Django, and MongoDB.

Work Experience:

Maintenance Worker, Arcadia Housing Co-Op, 2021-Present

- Efficiently managed various repairs including electrical, plumbing, appliance, drywall, painting, and aging in place measures.
- Courteous and professional communication with tenants.
- Filled in for the maintenance supervisor role when necessary.

Co-Owner, Urbane Cyclist Worker Co-Op, 2012-2021

- Reviewed financial statements, identified areas for improvement, and increased profit margin.
- Recorded $334,246.94 in net sales for 2020 in a seasonal-sales environment while a full-time student.
- Acted as HR representative and head of Health and Safety, providing quality control and constructive feedback to employees.
- Oversaw management interactions with employees regarding hiring, firing, training, and conflict resolution as human resources director.
- Updated company policies and conducted investigative reporting.

Education:

- Advanced Diploma, Computer Programming and Analysis, George Brown College, 2021-2024.
- Advanced Diploma, Business Administration - Retail, George Brown College, 2017-2020.
- Successful Social Relations Course (100%).
- Criminology, University of Toronto Mississauga, 2015.
- Ontario Scholar Graduate, Northern Secondary School, Toronto, 2014.

Awards and Certifications:

- Scrum Fundamentals Certified, 2023.
- Top 27% globally and 15th place in Canada, IEEEXtreme 2022 (Competitive Programming Competition).
- Semi-finalist runner-up for Canada, Act in Space International Hackathon 2022.
- Runner-up, Bell Geekfest 2022 (Hackathon).
- Completed Automate the Boring Stuff with Python Programming, 2020.