

Bridget Hart

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Skills

Languages: Java, Python, C, C++, Javascript, jQuery, CSS, HTML, SQL, Groovy, PHP

Frameworks & Libraries: Django, React, Angular, Node.js, Cucumber, Serenity, Wt

Professional Experience

Software Developer & QA Automation Intern

London, ON

Autodata Solutions Company

2019 - present

- Designed and developed machine learning tool to save 100+ hours in data QA per month; pitched to Autodata executives and is currently in use across numerous business units
- Implemented vehicle configuration logic for a major Canadian automotive firm with minimal supervision
- Migrated Kubernetes deployments from using Helm to Kustomize
- Wrote automated test scripts using Cucumber and Serenity BDD, saving 80+ hours in QA per month

Database Designer & Developer

London, ON

Western University

2017 - 2018

- Developed relational databases optimized to store university alumni information
- Created XML to MySQL translator using Java to provide daily ETL SSIS

Leadership Experience

Director of Development I *Women in Technology Society*

2020

- Created Shehacks Western application using C++ to rank competitors and streamline the judging process
- Developed full stack of WITS website using PHP
- Extensive usage of Git version control software

WesternKnows, Developer Lead I *Ivey FinTech*

2019

- Delegated tasks to a team of 20+ developers and communicated with Vice Presidents, Business Leads, and other Developer Leads to create course rating tool using React framework
- Designed product's architecture including features and capabilities
- Used Jira to incorporate agile development style by partitioning project into smaller units and assigning tasks to dev

Organizer I *Hack Western*

2018

- Coordinated sponsorships, evaluated applications, communicated effectively with other organizers, and delegated duties to volunteers to ensure the event ran smoothly

Freelance Writer I *Women in STEM*

2018-2019

- Researched, wrote, and edited articles on the Women in STEM blog, specializing on the latest breaking tech news

Projects

Horkos

2020

- Machine learning tool to detect anomalies in large amounts of data using natural language processing techniques
- Created using Django framework with a Python backend and Javascript, jQuery, HTML, and CSS frontend

Ambience

2019

- Simulated smart lighting website that interacts with the Philips HUE API
- Created using Wt framework with C++ backend and HTML, Javascript, and CSS frontend

Education

B.Sc., Specialization in Computer Science, Major in Psychology

2016 - 2021

Western University

- Western Scholarship of Excellence, 2016
- Western Bursary for Computer Science, 2016 - 2020