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Tristan Kerec

EDUCATION

Bachelor of Computing Honours - Software Engineering

University of Guelph - Graduated with Distinction (4.0 GPA)   *Sept 2019 – April 2023*

SKILLS

Programming	C, Python, Ruby, Java, Flutter, Dart, Vue.js, C#, Assembly, JavaScript, TypeScript, React, Bootstrap, Node.js, XML, Next.js, React Native, jQuery, HTML, LaTeX, Ruby on Rails, Perl, SQL, Flask, Cypress, Selenium
Technologies	NGINX, Gunicorn, Google Cloud Platform, AWS, Azure, Unity, JMeter, Kubernetes
Design	Agile Software Development, Lean UX, Object-Oriented Programming, Parallel Programming, Full Stack Web Development, Digital Circuit Design
Other	Github, Microsoft Office, Lean Six Sigma (White Belt Certified)

WORK EXPERIENCE

Software Developer

Flex Consulting Solutions Inc.   *January 2023 - Current*
Toronto, Ontario

- Develop and maintain robust API's for efficient data communication between systems.
- Strengthened the security of the CI/CD pipeline by implementing industry best practices.
- Achieved a 50% increase in the efficiency of the CI/CD pipeline through process optimizations and automation, resulting in faster software delivery and reduced time-to-market.

IT Field Technician

MBI IT Services   *May – June 2022*
Oakville, Ontario

- Responsible for deploying, re-imaging, configuring, maintaining, troubleshooting, testing hardware and software, as well as providing application support for the VoterView software used in the 2022 Ontario provincial election.

General Associate

Toys 'R' Us   *June 2017 - August 2019*
Burlington, Ontario

- Responsible for providing excellent customer service, assembling products according to customer's unique needs, inventory management, troubleshooting customer concerns and ensuring a positive impression of the company.

PROJECT

Course Selection Calendar

September - December 2022
Full Stack Web Development

- Worked with a team to create a course selection website for courses at the University of Guelph.
- Parsed real course data using Python, and integrated a Python/Flask back end with a JavaScript/React front end to create a web server to select courses and add them to an online course calendar.
- Hosted the web server using Google Cloud Platform and utilized NGINX for load balancing.