SERGEI CHERNITSYN

(647) 241-1622 ♦ sergeiche01@gmail.com ♦ github.com/sergeichern
Toronto, ON

Professional Summary

Computer Science (Software Engineering) graduate with hands-on experience in full-stack development, backend optimization, and quality assurance across the SDLC. Skilled in JavaScript, React, PHP, Java, and MySQL, with growing expertise in cloud infrastructure, DevOps practices, and CI/CD workflows. Experienced in creating and executing test plans, tracking defects, and supporting integration and user acceptance testing. Familiar with enterprise tools like IBM Maximo. Detail-oriented and collaborative, with strong communication skills and a proactive, solutions-driven mindset.

Technical Skills Category	Skills
Languages	Java, JavaScript, C#, PHP, SQL, TypeScript
Frameworks	React, JavaFX · Learning: ASP.NET
Tools	Git, Figma, OpenCV, MySQL, Outlook
Environments	Linux, Windows, Azure, GitHub Actions
Concepts	OOP, REST APIs, MVC, Agile Workflows

Education

Bachelor of Science in Computer Science (Software Engineering)
Trent University · Peterborough, ON · Graduated June 2024

Technical Projects

Portfolio: https://sergeichern.github.io/portfolio/
Showcases technical projects including Trent Class Finder (PHP, MySQL), IF-AT Grader App (Java, OpenCV), and backend coordination tools. Built with HTML/CSS and hosted via GitHub Pages.

1. Trent Class Finder Technologies: PHP, JavaScript, MySQL, HTML/CSS

- Developed a responsive web app to help students locate washrooms, cafeterias, and classrooms across campus.
- Engineered optimized backend logic with dynamic SQL queries for efficient real-time filtering, improving performance and scalability.
- Ensured quality assurance throughout the SDLC by implementing thorough testing and code reviews, deploying tested features via Git, and maintaining clear documentation for future contributors.
- Built an interactive frontend with JavaScript validation and dynamic content rendering for seamless user experience.

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2. <u>IF-AT Grader App Technologies:</u> Java, JavaFX, OpenCV, PHP, SQL
   - Created a desktop grading tool that scans scratch cards and generates scores with high accuracy.
   - Applied optimized OpenCV algorithms for precise detection of marked card sections, improving backend processing efficiency.
   - Designed intuitive file upload and preview functionality using JavaFX, integrating frontend with backend services.
   - Developed secure PHP APIs with SQL reporting and XLSX export, ensuring data integrity and accessibility.
   - Maintained quality assurance throughout the SDLC by conducting rigorous testing, defect tracking, and iterative improvements.

Work Experience

Constituency Assistant Office of MP Shaun Chen · Oct 2024 – Aug 2025

Scarborough, ON
   - Coordinated and managed meeting schedules, briefings, and public events using Outlook and Google Workspace, leveraging calendar integrations and automated reminders to ensure accuracy and efficiency.
   - Streamlined event logistics through digital tracking tools like Microsoft Excel and Google Sheets, monitored follow-up tasks using Microsoft Planner and Asana, and prepared technical support materials including user guides and FAQ documents.
   - Facilitated stakeholder communication via email and collaboration tools like Microsoft Teams to confirm appointments and maintain real-time scheduling updates.
   - Created and distributed newsletters and social media content using Adobe Experience Manager (AEM) to summarize and promote local initiatives.

Technical Customer Service Representative

Voysus · May 2024 – Oct 2024 · Remote / Hybrid
   - Resolved complex scheduling and billing issues by efficiently utilizing proprietary CMS and CRM platforms, ensuring high customer satisfaction.
   - Documented, tracked, and escalated software bugs, contributing to enhanced ticket response workflows and faster issue resolution.
   - Delivered remote technical support through phone and email, providing timely assistance and clear communication to end users.
   - Collaborated with development and QA teams to relay user feedback and improve product functionality.