

JUNIOR SOFTWARE DEVELOPER

OOP | Agile Trained | Collaboration

SUMMARY OF SKILLS

- Self-motivated Software Engineering Technology - Artificial Intelligence student with strong problem-solving skills
- Proficient in full-stack development: Java, C#, Python, SQL, JavaScript, HTML/CSS, .NET, Node.js, React, and Angular
- Applied knowledge of SQL Server with stored procedures, triggers, and relational database design
- Skilled in Java-based data structures, algorithms, and object-oriented programming principles
- Experience in client-server networking with socket programming and multithreaded applications
- Practical understanding of supervised machine learning using Python and scikit-learn
- Strong foundation in Agile methodology, SDLC and software testing with JUnit/Selenium

TECHNICAL SKILLS

Programming & Scripting: Python | Java | C# | SQL | JavaScript | HTML/CSS | Shell/Bash
Libraries & Frameworks: scikit-learn | pandas | NumPy | TensorFlow (basic) | React | Node.js | Express | JUnit | Selenium
Databases & Tools: MongoDB | SQL Server | Git | GitHub | Jupyter Notebook | Tableau
Concepts: Machine Learning | NLP | Supervised Learning | Data Preprocessing | SDLC | Agile | OOP | API Integration
Cloud & Dev Tools: IBM Cloud (academic) | Google Cloud Platform (coursework) | VS Code | Accessibility Standards (WCAG, AODA)

EDUCATION

Software Engineering Technology - Artificial Intelligence (Co-op) Advanced Diploma
Centennial College, Toronto, ON

Sep. 2023 - Present
GPA: 4.36/4.5 (A)

Key Courses:

Machine Learning Foundations	Supervised Learning	Data Structures and Algorithms
Software Testing and Quality Assurance	Advanced Database Concepts	Networking for Software Developers
Object Oriented Programming	Programming in C#, Java, Python	Web Application Development
Client-Side Web Development	Software Requirements	Linux/Unix OS

WORK EXPERIENCE

Media Developer (Co-op) | Pearson Canada, Toronto, ON

Jan. 2025 - April 2025

- Automated processes to optimize workflow efficiency, including creating macros to streamline document editing
- Developed tools to automate tasks, such as splitting eBooks by chapter, which improved operational efficiency
- Performed troubleshooting, ensuring compatibility of code by converting Python scripts to VBA for legacy systems
- Documented processes, configurations, and key steps involved in task automation, aligning with IT standards
- Developed a tool for validating indexes that has been widely adopted across teams globally, significantly improving document quality control by automating the indexing validation process and reducing manual errors
- Enhanced knowledge of web accessibility standards and legislation, including WCAG and AODA

SELECT ACADEMIC PROJECTS

- Full Stack Application: Find Your Doctors**
- Developing a full-stack healthcare platform with subsystems like AI symptom assessment, map integration, and doctor search features
 - Produced UML models, applied design patterns (Facade, Observer, State), and defined architecture using React.js, Node.js, MongoDB, and Google Maps API
- Machine Learning Model: YouTube Spam Comment Predictor**
- Built a supervised ML model using Python (scikit-learn) to detect spam comments from text data
 - Applied NLP preprocessing techniques like tokenization, stop word removal, and TF-IDF vectorization
 - Evaluated model performance using cross-validation and visualized results with matplotlib

Software Requirements Specification: EatsSocial Application

- Led the creation of SRS documentation for a food delivery platform with media sharing features, detailing functional and non-functional requirements, state diagrams, use case diagrams, and system architecture
- Directed a team of 4 by setting milestones, distributing tasks, conducting weekly check-ins, and compiling all contributions into a comprehensive final document

PROFESSIONAL DEVELOPMENT

- **Python for Data Science and Machine Learning** | LinkedIn Learning (In Progress)
- **Tableau for Data Analysis** | LinkedIn Learning (Completed April 2025)
- **Git & GitHub Crash Course** | Traversy Media (Completed March 2025)

OTHER EXPERIENCE

Team Lead/Barista | Petit Delights, Toronto, ON

Sep. 2023 – Present

- Provide quality customer service within an artisanal French café setting, including taking/preparing customer orders, offering recommendations, processing transactions and maintaining storefront
- Promoted to a Team Lead role, ensuring opening/closing procedures are followed, training junior staff, providing direction through high-paced service times, and resolving more complex customer issues
- Ensure all safe food handling, cleanliness and health & safety procedures/protocols are upheld
- Consistently receive positive feedback from senior leadership, colleagues and customers