

# Alireza Jadidi

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## Objective and Experience

Computer Engineering Honors graduate with strong problem-solving abilities and a passion for backend development and software design. Seeking a role where I can apply my expertise in backend technologies, scripting, and automation to contribute to innovative software solutions.

## Work Experience

<b>Senior Peer Education</b>	<b>Algonquin</b>	<b>2023/01 - 2024/04</b>
<ul style="list-style-type: none"><li>• <b>Tutoring Excellence:</b> Conducted <b>250+</b> sessions, emphasizing Java and comprehensive programming courses, which increased student engagement.</li><li>• <b>Resource Development:</b> Created example projects and tutorials for Java, available in a <a href="#">GitHub</a> repository, facilitating practical learning.</li></ul>		
<b>Computer coach</b>	<b>Algonquin</b>	<b>2023/11 - 2025/09</b>
<ul style="list-style-type: none"><li>• <b>Technical Coaching:</b> Delivered <b>190+</b> individualized coaching sessions and led <b>40+</b> events focused on essential digital tools and programming practices.</li><li>• <b>Mentorship &amp; Support:</b> Provided pivotal mentorship in Java programming, Linux os and project development, enhancing student's technical capabilities.</li></ul>		
<b>Junior Developer</b>	<b>SME node labs</b>	<b>2024/12 - 2025/2</b>
<ul style="list-style-type: none"><li>• Developed a secure login system using Django with an authentication landing page featuring Two-Factor Authentication (2FA) via email.</li><li>• Designed a server-side Bash script execution platform, providing a menu for IT staff to execute essential server management commands such as ping, ip addr, system update, and traceroute.</li><li>• Implemented Docker for containerization, creating Dockerfiles and docker-compose configurations for streamlined application deployment in both development and production environments.</li></ul>		

## Projects

<b>Grocery Calculator</b>	<b>(Java, Android Studio, Flutter)</b>	<a href="#">Git Link</a>
<ul style="list-style-type: none"><li>• <b>Developed for Convenience:</b> Engineered a grocery calculator app with real-time tax-inclusive pricing, designed for one-handed use, achieving a <b>90% accuracy</b> rate in grocery cost estimation. Emphasized user convenience with minimal UI and local storage for lists.</li></ul>		
<b>Bridal Wear</b>	<b>(React, Node, Express, Mongo DB)</b>	<a href="#">Git Link</a>
<ul style="list-style-type: none"><li>• <b>Project Leadership:</b> Acted as <b>product manager</b> in a team of 6, delivering a bridal wear customization platform using the MERN stack, Agile methodologies, and rigorous testing with Jest and Cypress.</li><li>• <b>Technical Excellence:</b> Streamlined project development and testing processes, utilizing <b>Docker</b> for database management, and enhancing UI/UX with React, contributing to successful project presentation.</li></ul>		
<b>Quick Aid</b>	<b>(Flutter, React, Node.js, Twilio, Amazon Lex)</b>	<a href="#">Git Link</a>
<ul style="list-style-type: none"><li>• <b>Innovative Emergency Response Solution:</b> Crafted during a 36-hour hackathon, this project combines mobile tech for fast emergency service access, incorporating speech-to-text and location features to automatically contact emergency services based on injury severity analysis.</li></ul>		

## Education and Certifications

<b>Computer Engineering Technology</b>		<b>(Advanced Diploma)</b>
<b>Algonquin College</b>	<b>Ottawa, ON</b>	<b>CGPA: 3.74/4.0</b>
Graduated with honours, Deans Honor List 4 semesters.		
<b>Artificial Intelligence</b>		<b>(Bachelors Degree)</b>
<b>JKU</b>	<b>Austria, Linz</b>	<b>2025 winter-Present=</b>

## Technologies and Languages

- **Languages:** Java, C, C#, TypeScript, SQL, Dart, Python, Bash
- **Frameworks:** .Net, React, Node, Express, Java FX, Flutter, Django
- **Development tools:** Git, Docker, Nvim, Linux, Azure, Vercel, Github CI/CD, Tmux, Maven
- **Testing:** Junit, Selenium, Jest, Cypress