

Alireza Jadidi

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Work Experience	Senior Peer Education, Algonquin College <i>Ottawa, ON</i> <ul style="list-style-type: none">• Tutoring Excellence: Conducted 250+ sessions, emphasizing Java and comprehensive programming courses, which doubled student engagement.• Resource Development: Created example projects and tutorials for Java, available in a GitHub repository, facilitating practical learning.• Impact & Engagement: Spearheaded strategies that led to a 50% increase in participation and attendance, demonstrating effective mentorship.	Jan 2023– present
	Computer Coach, Algonquin College <i>Ottawa, ON</i> <ul style="list-style-type: none">• Technical Coaching: Delivered 70+ individualized coaching sessions and led 30+ events focused on essential digital tools and programming practices.• Mentorship & Support: Provided pivotal mentorship in Java programming and project development, enhancing student's technical capabilities.	Nov 2023– present
Projects	Num Puz (Java, Swing, JavaFx, Nodejs, MongoDB, Express) Git Link <ul style="list-style-type: none">• Enhanced Game Performance: Transitioned from Java Swing to Java FX, boosting application performance by 50%. Developed an engaging online time-based ranking system to foster competitive play among users.	
	Tax Grocery Calculator (Java, Android Studio, Flutter) Git Link <ul style="list-style-type: none">• Developed for Convenience: Engineered a grocery calculator app with real-time tax-inclusive pricing, designed for one-handed use, achieving a 90% accuracy rate in grocery cost estimation. Emphasized user convenience with minimal UI and local storage for lists.	
	Bridal Wear (React, Node, Express, Mongo DB) Git Link <ul style="list-style-type: none">• Project Leadership: Acted as product manager in a team of 6, delivering a bridal wear customization platform using the MERN stack, Agile methodologies, and rigorous testing with Jest and Cypress.• Technical Excellence: Streamlined project development and testing processes, utilizing Docker for database management, and enhancing UI/UX with React, contributing to successful project presentation.	
	Quick Aid (Flutter, React, Node.js, Twilio, Amazon Lex) Git Link <ul style="list-style-type: none">• Innovative Emergency Response Solution: 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.	
Education	Computer Engineering Technology_ Computer Science (Advanced Diploma) Algonquin College <i>Ottawa, ON</i> CGPA: 3.74/4.0 Graduated with honours, Deans Honor List 4 semesters.	Sep 2021– Aug 2023
Technical skills	Programming Languages: Java, C++, C, C#, JavaScript, SQL, Dart, Python Frameworks: React, Node, Express, Swing, Java FX, Spring, Flutter Development Tools: Git, Docker, Vim, Mongo DB, Linux, Azure, Vercel Automated Tests: Junit, Selenium, Jest, Cypress	