

Alireza Jadidi

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Objective and Experience

Recent 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

Senior Peer Education	Algonquin	2023/01 - 2024/04
<ul style="list-style-type: none">Tutoring Excellence: Conducted 250+ sessions, emphasizing Java and comprehensive programming courses, which increased 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		
Computer coach	Algonquin	2023/11 - Present
<ul style="list-style-type: none">Technical Coaching: Delivered 120+ individualized coaching sessions and led 40+ events focused on essential digital tools and programming practices.Mentorship & Support: Provided pivotal mentorship in Java programming, Linux os and project development, enhancing student's technical capabilities.		

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.		
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 and Certifications

Computer Engineering Technology		(Advanced Diploma)
Algonquin College	Ottawa, ON	CGPA: 3.74/4.0
Graduated with honours, Deans Honor List 4 semesters.		

Technologies and Languages

<ul style="list-style-type: none">Languages: Java, C, C#, JavaScript, SQL, Dart, Python, BashFrameworks: .Net, React, Node, Express, Swing, Java FX, Spring, Flutter, DjangoDevelopment tools: Git, Docker, Nvim, Linux, Azure, Vercel, Github CI/CD, Tmux, MavenTesting: Junit, Selenium, Jest, Cypress		
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