M. AFFAN SHAHID

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Technical Skills

- Programming Languages: Python, Java, C, C++, SQL, PowerShell
- Web Development: HTML, CSS, JavaScript, React, Bootstrap, TypeScript
- Operating Systems: MacOS, Windows, Linux

Education

Bachelor of Science, Honours Computer Science with Software Engineering Specialization Co-op   Sep 2023 - Dec 2027

University of Windsor • Windsor, Ontario

Relevant Coursework: Data Structures and Algorithms, System Programming, Object-Oriented Programming

Certifications: Amazon AWS Cloud & AI Practitioner, Harvard CS50, Udemy Advanced Algorithms

Experience

Python Teacher   Oct 2024 - Present

Al-hijra Academy • Windsor, Ontario

- Taught programming to grades 5-8, covering statements, conditionals, loops, exception handling, and OOP
- Delivered 20+ **interactive lessons**, advancing students to create 4 **Pygame** projects
- Implemented **Replit** and **PyCharm** to facilitate student projects smoothly
- Tailored lessons by grade level, ensuring **progressive learning** for over 100 students
- Provided individualized **support**, helping 30+ students debug and simplify code
- Developed interactive quizzes to **reinforce concepts**, improving student test scores by 15%

Software Engineer   Aug 2024 - Nov 2024

JDC.ca • Leamington, Ontario

- Improved **PowerShell** packages with parameterized token passing, adding 20+ companies/tokens to text files
- Created indexed company list, boosting access speed by 30% and reducing search time
- Improved program flow with **flexible navigation** options, increasing functionality by 20%
- Enhanced error handling, reducing user-reported issues by 25% for over 50 users
- Documented code improvements, increasing **scalability** and **collaboration**
- Integrated new **APIs**, expanding system functionality and enhancing user experience

Customer Service Associate   Jun 2023 - Sep 2023

The UPS Store • Leamington, Ontario

- Fostered strong relationships with clients, resulting in 15% increase in repeat business/referrals
- Processed over 200 shipments weekly using company **software systems** for efficient service
- Oversaw **opening/closing procedures**, including printing and laminating 500+ documents weekly
- Managed front desk tasks, resolving customer issues and securely packaging 50+ boxes weekly

Extra-curricular

Computer Science Society Board Member   May 2024 - Present

Computer Science Society, University of Windsor • Windsor, Ontario

- Enhanced official CSS student website by providing tested **UI** feedback
- Designed 10+ unique merchandise items and **organized** 5 engaging events for 100+ students
- Collaborated with board to implement new initiatives, boosting student **engagement** by 25%

AI Software Engineer   May 2024 - Present

AI Club, University of Windsor • Windsor, Ontario

- Built **backend** of an AI Tutor Bot to support students' coding journeys
- Engaged in 7 live workshops, focusing on **AI integration** and machine learning
- Collaborated with 10+ engineers to refine and test AI applications