Jonathan Vargas

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Objective Statement

Driven graduate of University of Regina, seeking a full-time position to utilize technical knowledge to provide effective software solutions.

Education

University of Regina   *Regina, SK | Canada*
Bachelor of Applied Science - Software Systems Engineering   *Sept 2017 - Jun 2023*
- **Minor:** Creative Technologies
- **Courses:** OOP programming, Software Systems Validation and testing, Software Engineering management, Software design patterns and principles, Organizational Behavior and Business Communication, Microcontroller System Design

Skills

Proficient Technical Skills	PHP, JavaScript, C++, C, Ajax, SQL, HTML, CSS, Python, Git, production of technical reports, Debugging
Previous Knowledge	BERTopic, Java, ARM, Web Swift, Android studio, Flutter, Docker, software testing with JUnit5

Projects

Kakwecim, A training platform for indigenous women   *Saskatoon, SK*
Saskatchewan Indian Institute of Technologies   *Feb 2024*
- Worked with talented individuals to deploy a video based on boarding platform with indigenous women representation
- Communicated and managed a team to clearly outline design criteria and created a reliable business model to fund the product

Kookie, AI driven application to create targeted advertisement   *Regina, SK*
University of Regina   *Jan 2023 - Apr 2023*
- Implemented a natural language processing model that extracts the most prevalent topics from a list of websites
- Created a fake advertisement with topics using Python, BERTopic, python libraries, and external APIs

F.L.O.A.T AI driven survey system for litter and water parameters   *Regina, SK*
University of Regina   *Sept 2021 - Dec 2021*
- Provided initial technical design documentation for software system of an artificially driven device that collects data on water parameters
- With help of a project partner - designed, prototyped, and deployed a client-side website using html, css, php, bootstrap, and aws that dynamically updates with new entries from an independent rover

Certifications

Jan. 2024 **SAFe 5 Agile Software Engineer**, Scaled Agile, Inc   *Canada*

Work Experience

Real District   *Regina, SK*
Guest Experience Representative   *Feb 2024 - Present*
- Proactively address guests' needs by answering questions, giving directions, and other information regarding the surrounding areas
- Conducting aisle walks before, throughout, and following each event for any irregularities or problems in assigned area.
- Limiting access to the venue or specific areas to those with proper, valid tickets

Escape Club   *Regina, SK*
Escape Room Attendant   *Jul 2017 - Feb 2024*
- Monitored customer's experience and acted accordingly to protect company facilities while providing a unique and immersive experience
- Co-operated and communicated with a team to utilize different skill sets to create a seamless customer experience during shifts
- Aided in electronic and software design of different escape room puzzles, simplifying designs previously implemented

University of Regina, English as a Second Language   *Regina, SK*
Cultural Assistant   *Jan 2023 - March 2023*
- Collaborated with a dynamic team from various of backgrounds to greet and welcome new international students to Canada
- Provided engaging methods of English education to foreign students through conversations and games
- Led excursions around the city of Regina and provided guidance navigating facilities offered on and off campus