HARSHIL PATEL

Undergraduate Computer Science Student

Personal Info

Email: harshil.patel@usask.ca

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Address: Saskatoon, SK

GitHub:
https://github.com/HarshilPat

Programming Languages

Java, Python, C/C++, C#, JavaScript, MIPS-Assembly, PowerShell, Bash, and Scripting, MYSQL, HTML, PHP, CSS, SQL.

Software Skills

Advance MS Office, Basic Linux Operations, CLI, OS, MATLAB. Experience with Database Management Systems (DBMS) and MYSQL, IDE's. Node, Unity. Experience with Docker, Git and VCS (Version Control Systems). Knowledge of Cloud computing, GUI, AI, Game DevOps, Test-Driven Development, Object-Oriented Programming, Data structures, and Algorithms, Debugging, Web Apps.

Skills

Excellent communication and planning, Customer Experience, Business and Interpersonal, Teamwork, Time Management, Problem Solving, Multitasking, Analytical Skills, Leadership, Initiative, Adaptive, Detail Oriented, Fast Learner, Quality Testing, Documentation, Determination, Independent.

An undergraduate enthusiast with a professional and positive attitude. Effectively utilizes knowledge to both grow and evolve independently and collaboratively. Results-driven Computer Science professional with innovative technical skills in Java, Python, C#, PHP, and Databases. A solid understanding of modern technologies, user requirements and business needs. Passionate about software and application development. A keen learner with the ability to assess risks and conduct tests. Experience with retail industry and customer service. Finding opportunities to learn and develop skills.

Projects

Hospital Management System - Creator
https://github.com/HarshilPat/HospitalManagementSystem.git

- An interactive program operates on the terminal as well as in GUI-based dialogues. Courtesy desk of the hospital can use this to record admissions, track, add-release patients, doctors, etc. Developed personally with JAVA using object-oriented development.

Online Voting System – Creator

https://github.com/HarshilPat/OnlineVotingSystem.git

- An online portal for a voting system for users to access it from anywhere and admins can administer it. Developed using HTML, JavaScript, PHP, MYSQL, jQuery, CSS, Apache server. Lead a team of 2 developers.

One Man Army – Creator

https://github.com/HarshilPat/One-Man-Army.git

- A dungeon-based game developed in Unity2D using C# for an audience of any age. Follows the principles of procedural content generation, axonometric views, A* pathfinding, and game systems. Lead the team of 6 developers within the span of 4 months.

Education

01-2020 – Present: Bachelor of Science, Computer Science 4th Year
Minor: Mathematics – University of Saskatchewan, Saskatoon
Expected Graduation: 2023

07-2018 – 05-2019: Bachelor of Science, Information Technology – CHARUSAT University, Changa, India

Relevant Work Experience

12-2021 – Present: Retail Merchandising Technician
Mobile Technologies Inc. Saskatoon, SK
- Troubleshoot, install, and merchandise interactive consumer electronic displays and devices within retail locations.
- Responsibly built/installed displays, end caps, fixtures, planogram resets, and break-fix repairs. Kept customer's systems running smooth and efficiently by setting up internal computer hardware, performed tests and evaluations of software and hardware. Trained retail staff for preventative maintenance which boosted their sale by 10%.

09-2019 – 12-2019: Technical Support Representative
Gate Stone & Co. Inc, Peterborough, ON
- Provided expert technical support and troubleshooting guides on the network, Internet, cable, digital phone, and computer problems.
- Contact customers with technical issues electronically and by phone to review and document any issues they have experienced. Diagnose and resolve technical issues faced by customers.
- Investigated customer problems and implemented solutions using in-house software, tools, and documentation.
- Document customer records along with problem and solution logs for use by other technical support personnel. Providing a great customer experience while adhering to support coverage guidelines.

Volunteering

12-2018 – 05-2019: BAPS Book Store Attendant

- Customer service representative. Order supplies, organize mails, data entry, cash-outs at closing.

01-2020 – Present: BAPS Charities

- Participating in Food Drives, community gatherings, activities, walkathons, etc. organized by BAPS Charities that allows individuals and families to come together to provide support for those that are less fortunate.

Certificates

Google Ads Display Certification:

Mastery of the fundamentals of developing and optimizing effective Google Display Campaigns.

Other Work Experience

Press'd Sandwich Shop – Sandwich Artist: 12-2019 – 04-2020

Walmart – Customer Experience Associate: 04-2020 – 07-2020; Bakery Associate: 07-2020 – Present

References

Michael Horsch (Professor UofS): horsch@usask.ca; Cody Phillips (Professor UofS): cody@cs.usask.ca