

Kartik Patel

B.Sc. Student in Computer Science at the University of Regina
Communication Lead at URGDSC
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EDUCATION

- University of Regina** Sep 2021 – Sep 2025 [Expected]
Bachelor of Science Major in Computer Science GPA: 87.5%
 - blizzardWorld - Implemented vintage computer game Nightfall in 6 different versions, using functional programming, object-oriented concepts, data encapsulation, inheritance and modular programming.
 - Communication Lead -Google Developers Club -organized various tech events, contributed to open-source projects.
 - myPoll - created a dynamic micro-polling website using client and server-side programming, 3-tier architecture, and UI/UX principles.

EXPERIENCES

- Communication Lead** Sep 2020 - PRESENT
Google Developer Students Club - University of Regina Regina, Canada
 - Responsible for internal and external communications with other core members for making affirmative contributions in gathering event ideas and planning, and ensuring smooth execution of the programs/events.
 - Initiated and established growth/stability of discord server for the club managing about 180+ active members.
- Office Administrator - Summer Student** June 2022 - Sep 2022
Government of Saskatchewan - Ministry of Education Regina, Canada
 - Responded to all customers' inquiries in a timely manner and answered the phone to take messages or redirect calls to appropriate colleagues while seeking staff input in decision making to develop resourceful solution.
 - Assisted senior employees by helping them with technical skills, team tools, tech stacks, and system architecture.
- Technical Sales Representative** Apr 2021 - Aug 2022
Staples Canada ULC Regina, Canada
 - Worked with end users to install, inspect, maintain, operate, and/or repair technical equipment and software.
 - Demonstrated competent performance by acquiring active roles in sales advisory team to identify and win potential customers using effective up-selling; thus achieving 30% higher tech sales figure within 2 months.

PROJECTS

- ./WinterFind** Nov 2022 - Present
Homecoming Hackathon, Major League Hacking github.com/kartikpatel0170/Winter-Find
 - It is a 3D interactive game, where the player has to find the gift (located randomly in the world) in order to win.
 - Environments: Next.js, TypeScript, Three.js, Blender, Fiber.
- parkAway** Dec 2022 - Dec 2022
Give Back Hacks Hackathon, Major League Hacking github.com/kartikpatel0170/parkAway
 - An Airbnb for vehicle parking service where the client can request/reserve a parking spot on a contract basis.
 - Designed using ReactJS, ExpressJS, Twilio API, MongoDB, NodeJS.
- Electron: Green it up!** Nov 2022 - Nov 2022
SustainHacks Hackathon, Major League Hacking github.com/kartikpatel0170/Electron
 - A ML Model: That predicts average electricity consumption so that additional produced energy can be saved.
 - Tech Stack: Jupiter Notebook, Pandas, Python, Flask, Sklearn
- SpyPooch** Oct 2022 - Oct 2022
Agent: Hacker Hackathon, Major League Hacking github.com/kartikpatel0170/SpyPooch
 - It keeps track of the entrance gate of users and let them know if their pet crosses it by sending them an SMS and it only recognizes when the dog/cat is present in the frame.
 - Implemented using TensorFlow JS for designing ML model and Twilio API for SMS feature.

SKILLS AND TOOLS

C/C++, Python, Bootstrap, Material UI, JavaScript, TypeScript, Next.js, React.js, MySQL, MongoDB, SQL Workbench, Postman API, Twilio API, PHP, Node.js, TensorFlow.js, Express.js, Three.js, Blender, Algorithms, Data Structures, Git, Linux, System Design, Agile, Scrum, Linux, N-Tier Architecture, Google Cloud Platform (GCP), Jira, Vercel and onrender deployment.

HONORS AND AWARDS

- Won 1st Overall in Homecoming Hackathon, Major League Hacking, North America, 2022
- Academic Silver Scholarship, University of Regina, SK, Canada, 2022
- Won Give-Back Hacks, SustainHacks, Agent:Hacker Hackathons, North America, 2022