Gurshan Sidhar

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EDUCATION

Wilfrid Laurier University   Waterloo, ON
*Bachelor of Science in **Computer Science**, Minor in Statistics + Co-op*   *Sep. 2023 – April 2027*

- **Clubs:** Laurier Computing Society
- **Related Credits:** Data Structures 1 and 2, Object Oriented Programming, Microprocessors, Advanced Calculus (1, 2, and 3), Discrete Mathematics, Linear Algebra

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML, CSS, C
Frameworks: React, Next.js, Tailwind, Node.js, FastAPI
Developer Tools: Linux, Git, GitHub, Docker, Markdown, Visual Studio Code, PyCharm, Eclipse

PROJECTS

CVLens | *Python, Next.js, Tailwind, FastAPI, SpaCy, Docker, AWS, Git*   *Web App*

- Created a web app to extract structured data from uploaded resumes in PDF/DOCX formats
- Leveraged NLP model SpaCy with NER to accurately extract resume details, such as contact information, education, skills, and work experience
- Developed API gateway to trigger AWS Lambda function that processes resume and returns JSON
- Designed clean and easy to use frontend with Next.js that fetches the data from the API gateway

Personal Website | *React, JavaScript, HTML, CSS, Git*   *Web App*

- Designed and developed a personal portfolio website using React, JavaScript, HTML, and CSS to showcase projects and technical skills.
- Implemented responsive and interactive UI components to enhance user experience.
- Utilized Git for version control, ensuring efficient collaboration and code management.
- Demonstrates proficiency in front-end development, modern web technologies, and best coding practices.

12-Point Grade Calculator | *Python, Git*   Script

- Developed a grade calculation tool using data structures like arrays and dictionaries to efficiently store, process, and retrieve student scores.
- Implemented an algorithm to calculate weighted averages based on a 12-point grading scale, ensuring precise and scalable performance
- Reviewed and optimized the program for efficiency, reducing execution time and improving memory usage for handling large datasets
- Managed input validation and error handling to prevent incorrect data entry, ensuring a user-friendly experience and robust application stability

EXPERIENCE

Deli Clerk   Brampton, ON
Longo's. Co   *Jul 2021 - Aug 2024*

- Adhered to safety protocols, maintained a clean work environment, assisted customers for a positive experience.
- Communicated effectively with both colleagues and customers, ensuring clear and professional interactions.
- Collaborated with team members to enhance workflow efficiency and customer satisfaction.
- Adapted to a fast-paced environment while demonstrating strong problem-solving skills under high pressure.

Field Organizer Volunteer   Brampton, ON
Local Political Riding   *Oct 2024- Feb 2025*

- Coordinated community outreach efforts, recruiting and training volunteers to support campaign initiatives.
- Managed data collection and analyzed voter demographics to optimize campaign strategies and resource allocation
- Collaborated with campaign leadership to develop messaging strategies and mobilization efforts for key voter groups.
- Organized canvassing events, increasing voter engagement and turnout.