Dhairya Shah

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Objective

A passionate and driven high-school student with a strong foundation in software development, artificial intelligence, and data analysis, seeking opportunities to apply my technical skills in innovative projects. Looking to leverage my experience in app and web development, AI solutions, and problem-solving in a hackathon setting to collaborate and build impactful solutions.

Skills and Abilities

- **Technical Skills**: Proficient in coding, app and website development, AI/ML, and software.
- **Communication**: Excellent written and oral communication skills, with experience presenting projects and solutions in workshops and school events.
- **Problem Solving**: Strong analytical skills with a proven ability to develop creative solutions to technical problems.
- **Teamwork**: Effective collaborator in team environments, regularly working with groups for school projects and extracurricular activities.

Education

As of February 2025 - Present
Cameron Heights Collegiate Institute
OSSD
Relevant courses: Exploring Technologies, Introduction to Computer Science Gr 11
Kitchener, Ontario

Projects & Experience

As of February, 2025 - Present
Youth Tech Labs

- Developed solutions for real world problems related to technology and data science
  - Most notably, an AI healthcare application with an AI doctor trained on thousands of pieces of relevant data from datasets, web-scraping, along with gpt-3.5 language model that can communicate with people in various languages in an understandable way and provide advice
- Collaborated with peers to design and implement these projects
- Presented solutions

TaskTide AI

- Developed an AI-powered scheduling application that creates personalized, adaptive study plans for students.
- Integrated Google Calendar and other task management platforms for real-time updates.
- Designed an AI chatbot for task automation and study assistance.
- Currently in the testing phase among a few students, planning on release soon

Volunteering

- Volunteered at Cameron Heights to help run events several times
  - Helped with Grade 9 Orientation by organizing and setting up the decorations and food
  - Checked people's tickets for homecoming
- Volunteered at a Canada Day event
  - Checked one of the gates to make sure only authorized members entered
  - Sold several tickets to a lucky draw
- Volunteered at my middle-school, where I talked and provided advice to students, helped the STEM club with arduino and provided assistance to teachers

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Hackathons & Competitions

- Canadian Computing Competition (CCC, Junior Division) – Scored 73/75, ranking among the top performers at school.
- DECA Provincials (Entrepreneurship Team Decision Making - ETDM) – Competed in business strategy and tech innovation.
- Hackathons – Participated in a few hackathons (HawkHacks, SproutHacks), and collaborated with teammates to build applications. Won best use of MongoDB award at SproutHacks

Extra-Curricular Activities

As of February, 2025 - Present

Coding Club at Cameron Heights

- Learned quite a bit about coding, software development and data as a whole
- Collaborated with peers to develop innovative projects
- Participated in various competitions

Chess Online and In Tournaments

- Helped develop my problem solving, critical thinking and analytical skills

Tutoring

- Provided tutoring in mathematics, coding, and chess to younger cousins and friends, improving their skills while strengthening my own ability to communicate effectively.

DECA

- Completed several hours of practice and competed in regionals and provincials, helped develop my communication and business-thinking skills

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References available upon request

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