Edmundo CANEDO CERVANTES

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EDUCATION

Tecnológico de Monterrey August 2023 — June 2027 (Expected)
B.S. in Computer Science and Technology, GPA: 95.5/100 *Santiago de Querétaro, México*

Relevant Coursewok:
- **Ongoing:** Data Structures and Fundamental Algorithms Programming, Internet of Things Implementation and Software Requirements Analysis.
- **Finished:** Object-Oriented Programming, Mathematics and Data Science for Decision Making and Modeling of Minimal Systems and Computational Architectures.

CETIS 120 (High School) August 2020 — June 2023
Major in Programming with a Focus on Physics and Mathematics, GPA: 99.4/100 *Morelia, México*

Relevant Coursewok:
Software Development with Structured Programming, Web Development with Persistent Data Storage and Mobile App Development.

PROJECTS

Pet Vet Health ○ May 2024 - June 2024
C++, HTML, CSS, JS
- Developed a system to manage a veterinary clinic using console commands.
- Created a database using .txt files to load and store all the clinic's data.
- Implemented a system to generate PDFs from HTML files to print medical checkups.

DeltaTrain ○ April 2023 - May 2023
PHP, SQL, C++
- Developed the backend for a social network for sharing workouts, recipes, and posts.
- Implemented a nofitication system to alert users of interactions of their profile with other users.
- Integrated semantic URLs to create more readable and user-friendly URLs.

ACSI (Institutional Health Center Administrator) ○ October 2022 - December 2022
HTML, CSS, JS, PHP, SQL, C++, Krita
- Developed an app to manage a healthcare facility, including patient data, prescriptions, doctors, and inventory.
- Designed visual assets for the app, including logos and status images, using Krita.
- Integrated a module that generates PDFs of prescriptions, allowing subsequent printing.
- Implemented a test data generator in C++ to optimize app testing.

ACHIEVEMENTS

Outstanding participation at the DGETI Prototypes Contest January 2023
- Participated at a contest focused on creating prototypes for various purposes, where I developed ACSI.

Bronze medal in the Mexican Olympiad of Informatics September 2022
- Participated at a National Competitive Programming Competition.

VOLUNTEERING

Competitive Programming Professor March 2022 - December 2023
- Taught lower-semester students at my high-school about competitive programming, including algorithms, data structures and time and storage optimization.

TECHNICAL SKILLS

Programming languages: C++, Java, HTML/CSS, PHP, SQL, JavaScript, Python, MATLAB, R, Bash.
Developer Tools: Git, GitHub, LaTeX, VS Code, Linux, Krita.