
Education

University of Toronto. Class of 2026 + PEY (Co-op). Bachelor of Applied Science in Electrical Engineering.

Professional Experience

Nimbus Digital Transformations: Web Developer (2023)

- Used React and React hooks to manage the state of elements in a web page.
- Used Amazon Web Services to build a backend and deploy code to the cloud.
- Integrated responsive behavior to a web application so that it could maintain functionality and style in a mobile device.
- Used Git and GitHub features such as branching, merging, pull requests, and the Gitmoji communication protocol to build a stable production codebase with a team of software engineers.
- Created designs for user interface components with Figma UI.

B. Braun Medical: Intern (2023)

- Assistant to the manager for the head of the logistics and supply chain division.
- Supervised billing procedures and tracking of orders, writing letters to customers and suppliers to ensure on-time deliveries.
- Provided critical information about the proper handling and storage of medical items.
- Managed and handled inventory in a warehouse environment, following all safety procedures.

Cubre, Come, y Crece: Project Organizer (2021-2022)

- Taught elementary-level English classes to over 60 kids ages 8-13 without any previous experience in the language and helping them prepare for the A1-J7 certification offered by HISSS.
- Organized and participated in the 2021 FUSATE Santa Tecla Christmas dinner, providing meals, drinks, and music to over 30 elderly homeless people.
- Arranged a charity drive in partnership with “Grupo AGAPE”, resulting in the collection and donation of over 100 articles of clothing.

Extracurricular Activities

Teletón Volunteer (2021)

- Worked as a campaign organizer, raising money and awareness towards improving inclusivity and accessibility for disabled children.
- Managed schedules and resources for events organized to benefit children with disabilities.

National Honors Society Chapter President (2021-2022) / Member (2020-2021)

- Directed an initiative to raise awareness for hearing-impaired people, culminating in a talk that introduced over 50 attendees to LESSA (Salvadoran Sign Language) with a guest speaker from “Asociación Salvadoreña de Sordos” (Salvadoran Association for the Hearing-Impaired).
- Hosted the first career day at Highlands International School with presenters representing careers in law, medicine, engineering, architecture, and entrepreneurship.

Skills & Awards

- Programming languages: Java, C, C++, Matlab, JavaScript, CSS, HTML, Python, Matlab, Verilog (HDL).
- Bilingual with native fluency in English and Spanish.
- First place winner at XII & XIII Mexican International Robotics Competition (*Liga de Robótica Anahuac*)
- AVANZO award for achieving the 95th percentile or above marks in national standardized testing.