Xavier Quintanilla

(825)343-7577 - xquintan@ualberta.ca - www.linkedin.com/in/xavi-quintanilla

EDUCATION

University of Alberta   Edmonton, AB
Bachelor of Science in Computer Engineering - Nanoscale System Design Co-op   *Sep. 2021 – May. 2026*
1st Class Standing (GPA: 3.7/4)

TECHNICAL SKILLS

Programming: C++, Python, Java, JavaScript, React, Node.js, Express, HTML/CSS, Assembly, VHDL, MATLAB, PSQL
Developer Tools: Git, VS Code, Apache Netbeans, Linux, Jupyter, Tensorflow
Languages: English, Spanish

PROJECTS

Face Recognition webapp with secure login | *PSQL, Express, React, Node.js*   June 2023 – August 2023
- Developed a dynamic and responsive frontend interface using React, ensuring an engaging user experience
- Utilized Clarifai's powerful AI API to perform real-time facial recognition and matching in uploaded images.
- Programmed the server and endpoints of my app using Express and Node.js. Implemented bcrypt-nodejs to securely hash passwords and ensure robust user login functionalities
- Managed and queried user data in the PostgreSQL database using Knex.js, optimizing app performance and data retrieval
- Seamlessly deployed the web app on Render, ensuring reliability and scalability for users **(view)**

Business Payroll Application | *Java, MySQL, Apache Netbeans*   December 2020 – April 2021
- Designed and developed a comprehensive Business Payroll System desktop application using Java and Apache NetBeans IDE
- Utilized OOP to model payroll calculations, tax deductions, and bonuses based on predefined rules. Employed OOP concepts to interact with the XAMPP-managed MySQL database
- Designed classes to generate detailed reports, including employee earnings, deductions, and net pay using Jasper Reports

Web Page Interface   January 2021 – March 2021
- Designed the interface of an interactive web page to display information and promotions of the store's newest products of the 4 summer season months
- Included the catalog of the store and a free 24/7 online-store system
- Scheduled bi-weekly meetings with the General Manager to discuss the processes and the prototypes of the web page

EXPERIENCE

Software Developer Intern   June 2023 – August 2023
Bayteq   *Quito, Ecuador*
- Performed a research focused on the functionality and scope of AI and search engines, like Azure Cognitive Search, Google Palm, Cloud Search and more, in order to propose a solution for a Health Insurance client
- Worked with a small team on the design and production of an absences management app for the employees of the company, using low code technologies as Microsoft Power Apps
- Automated fluxes to manage the company employee's information stored in Microsoft Dataverse by using Microsoft Power Automate tool
- Skills: Teamwork, problem solving, communication

Customer Service Manager   December 2020 – August 2022
Los Cebiches de la Rumiñahui   *Quito, Ecuador*
- Supervised the processes involving delivery of orders and organized the waiters by assigning them a customer to provide a good service

- Handled clients' complaints by proposing efficient solutions depending on the degree of the fault it has been made by any of the employees
- Skills: Working under pressure, problem solving, teamwork

Professional Soccer Player
March 2021 – August 2022

Dragones Universidad San Francisco de Quito
Quito, Ecuador

- Trained in 5 morning and 3 afternoon sessions a week
- Played official matches every weekend during the regular season (8 months each year)
- Recorded entertainment/skills videos required to increment the social media numbers of the team during the preseason (3 summer months)
- Skills: Teamwork, punctuality, commitment with the group of players

Awards and Achievements

- Golden Key Honor Society Member - 2023

- 1st Class Standing, University of Alberta - 2022-2023

- 1st Class Standing, University of Alberta - 2021-2022

- Iron Entrance Scholarship, U of A - 2021

- International Undergraduate Scholarship, U of A- 2021

- Valedictorian of Intisana Highschool, Quito, Ecuador - 2021

- Full-ride Scholarship in USFQ. N.1 ranked University in Ecuador - 2021

- 6th place at National Physics Contest, Albert Einstein HS, Quito Ecuador - 2021

- Nominated as a member of the National (Ecuador) Computing Team to participate in Canadian Computing Competition, U of Waterloo - 2021

- 3rd Place at II Capture the Flag, UDLA University, Quito Ecuador - 2021

- Bronze medal in National Computing Competition, Ecuador - 2020

- Recognition of the best cumulative GPA of the class over all the high school years, Intisana HS - 2020

- 2nd Honor Mention at ONU high school model, Intisana HS, Quito, Ecuador - 2020

Relevant Courses and Certifications

- The complete Web Developer in 2023 - ZTM

- Machine Learning, Data Science and Deep Learning - Sundog Education by Frank Kane

- API and Web Service Introduction - Nate Ross

Leadership Activities

Summer Camp Leader
June 2017 – June 2023

Club Alfil
Quito, Ecuador

- Took care of a specific group of children during a 7-day summer camp by teaching them good behavior, providing food, helping if anyone gets sick, and talking with their parents
- Skills: Leadership and problem solving

Vice-president High school Government
Oct. 2019 – June 2020

Intisana High school
Quito, Ecuador

- Managed the collection and storage of the funds required to execute the Council proposals during the 10-month scholar period
- Skills: Leadership, communication and decision making

Volunteer Experience

Speaker/Teacher   Nov 2020 – June 2022
Club Velero   *Quito, Ecuador*
- Hosted short 40min talks to teach values and catechism to kids from 8-13 years old once a week

International Volunteering   Oct 2019, 2018
Club Cauda   *Guadalajara, Mexico*
- Interacted with lonely patients in a local hospital of Guadalajara for 3-4 hours to avoid depression symptoms

Hobbies

- Guitar/Piano/Sing: practice to perform in front of family or friends in any special meeting

- Sports: enjoy doing any sport. Special mention for soccer and basketball

- Competitive Programing club, physics club: participate in contests

- Play Videogames