

JUAN REA

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EDUCATION

University of Alberta – Edmonton, AB

Bachelor of Science | Major in **Computing Science** - Minor in **Commerce**

Sept 2022 - Apr 2026

Relevant Coursework: Computer Organization and Architecture I, Practical Programming Methodology, Algorithms I, Probabilistic Modeling, Machine Learning I, Search and Planning in AI, Intro to File and Database Management

SKILLS

Programming Languages: Python, C, Solidity, JavaScript, SQL, RISC-V

Blockchain Development: Solidity (Ethereum Smart Contracts), Hardhat, Ethers.js

AI/Data Analysis: NumPy, Pandas, SPSS, R, Excel

Frontend/Design: HTML, CSS, React.js, Tailwind CSS, Vercel

Other/Creative: Git, FL Studio, Photoshop, Illustrator

Languages: English (Native), Spanish (Native), French (Fluent)

EXPERIENCE

Smart Haven – TELUS Trusted Provider

Edmonton, AB

Direct Sales Specialist

Oct 2024 – Present

- My role involves engaging with clients, providing tailored solutions to enhance home technology and connectivity, and driving business growth through effective communication and product expertise.
- Responsible for prospecting and engaging potential customers, presenting innovative TELUS products and services, processing orders, and maintaining ongoing customer relationships.

Audio Engineer/Music Producer – Independent Service

Concept development

June 2018 – Present

- Successfully marketed and sold original beats and music compositions online, establishing a reputable brand presence, cultivating strong relationships worldwide, and generating revenue through digital sales platforms
- Managed all phases of music production, from initial concept development to mixing, mastering, and final delivery, ensuring artistic vision and technical standards were met with precision and creative flair.

Secan – Certified Seed Supplier

Winnipeg, MB

Website Analyst

June 2024

- Conducted a comprehensive website analysis for non-for-profit agriculture organization Secan, providing actionable recommendations to improve navigation, speed, visual appeal, and functionality, resulting in a more user-friendly and efficient online experience.
- Performed benchmarking against rival companies' sites. Delivered insights on industry best practices and identified key areas for enhancement, ensuring digital presence remains competitive.

PROJECTS

StarStake: Decentralized Ethereum Staking Platform | [Deployed App](#) | [GitHub Repository](#)

Jan 2025

- **Description:** Developed a decentralized staking platform on the Ethereum Sepolia Testnet, highlighting trustless coordination in decentralized finance (DeFi) and ensuring code is law.
- **Key Features:** Empowers users to stake ETH securely, pool funds for shared goals, and withdraw if thresholds aren't met.
- **Tech Stack:** Solidity, Ethers.js, Hardhat, React, Next.js, Tailwind CSS, Vercel
- **Contributions:**
 - Wrote and deployed smart contracts to enable secure, decentralized staking processes.
 - Conducted testing and debugging to ensure smart contract reliability and security.
 - Implemented a responsive front end for seamless user interactions with blockchain operations.

TattLab: Interactive Tattoo Visualizer | [Deployed App](#) | [Devpost](#) | [GitHub Repository](#)

Feb 2025

- Created a 3D tattoo visualizer that allows users to upload, position, and preview tattoo designs on a realistic arm model. Helps users plan their tattoo sleeve with ease. **Tech Stack:** Three.js, Bootstrap, Flask

ACCOMPLISHMENTS

- **Class of 2022 Valedictorian** | Oak Park High School, MB
- **Varsity Soccer Player** | University of Alberta Golden Bears
- **Semi-Professional Soccer Player** | FC Manitoba USL2

June 2022

Aug 2022 - Apr 2023

May 2023 - Aug 2023