Juan Pablo Alvarez Vega (HE/HIM)

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Nationality: Mexico, Spain

Profile

Aspiring developer currently undergoing a boot camp on full-stack development. I have a background in both administrative and analytical positions requiring a certain level of programming experience in Python and R. I am passionate about using programming to solve problems and want to pursue a career in it.

Experience

Contractor of Statistics for 100 Day Plan, Ministry of Planning and Citizen Engagement in the state of Querétaro, México– October to December 2021

Worked planning surveys, assessing their statistical significance, processing and cleaning the data, and outputting meaningful reports in dynamic formats (HTML and Markup) and traditional ones (Microsoft Word and PowerPoint). These reports were programmed and automated to be outputted by the system at given times of the day. I also assisted in selecting indicators (operational and strategic) by a process of analysis considering data availability, stakeholders, and goals, as well as other characteristics of good indicators such as reliability, measurability, and validity. I was in charge of understanding the indicators in depth, from methodological to interdependencies between them. I also produced dynamic and traditional reports of the results as well as tracked the performance of said indicators.

UNU-MERIT, Research Assistant, Maastricht Limburg, Netherlands – March to July 2021
Worked with data cleaning and analysis. I helped develop a microsimulation of social protection policies in Montenegro and developed descriptive and inferential statistics with the world bank dataset ASPIRE. I communicated my results using graphs, tables, and other methods. I used STATA, R studio, and Excel to fulfil my tasks.

YMCA, Membership Programs and Experience, Winnipeg MB, Canada – October 2019 to August 2020
Managed accounts for the facilities and the Newcomer programs. Particularly involved with the Newcomer Youth program. Checked accounts, approved memberships to programs and the

facilities, proposed activities, optimized processes, and helped members and program recipients meet their needs in the center.

Door-to-door and retail fundraising for organizations such as World Vision, Canadian Feed the Children and Christian Children Fund of Canada. Also conducted mapping, organization, and research for the door-to-door campaign.

Kickboxing trainer and membership sales. Led group training sessions for "fitness in the park" during the summer.

Handled customer service calls, excel reports and spreadsheets, phone calls, communication with upper management, scheduling, line testing, and overall operations management. Heavy use of Microsoft programs, mainly Excel and Outlook.

Education	Colegio Alamos, Queretaro, QRO, Mexico – International Baccalaureate Diploma and High School Diploma, June 2013
	University of Manitoba, Winnipeg, MB – Bachelor of Arts - Advanced specialized in Political Science, June 2018
	UNU-Merit at Maastricht University, Maastricht, Limburg, The Netherlands – Masters in Public Policy and Human Development, December 2021
	Career Foundry, Berlin, Germany – Full-Stack Development Bootcamp, Expected January 2023
Certificates	EMX+ econometrics program by UNU-Merit. Certificate earned on Jan 2021.
	Social Norms, Social Change I by University of Pennsylvania & Unicef on Coursera . Certificate earned on May 2019.
	Digital Marketing Diploma by the Digital Marketing Institute. Certificate earned on March 2016.
	Feminism and Social Justice by University of California Santa Cruz on Coursera. Certificate earned on May 2019.

The Sustainable Development Goals — A Global, transdisciplinary vision for the future by University of Copenhagen on Coursera. Certificate earned on May 2019.

International Organizations Management by University of Geneva. Certificate earned on Wednesday, June 2019.

Realidad Macroeconómica Latinoamericana (Macroeconomic Reality of Latin America) by The Inter-American Development Bank. Certificate earned on June 2019.

Introduction to Calculus by Coursera. Certificate earned on Jan 2022.

Technical Skills

- Proficient in R, Python, Jupyter Notebooks, STATA, and Excel (including VBA) for Data Analysis and Data Science
- Intermediate in relational and non-relational databases (Postgre SQL and Mongo DB)
- Intermediate in CSS3, REST API, HTML5, JavaScript, React.js, JQuery, and Bootstrap for Front-End Web Development.
- Intermediate in Express.js, Passport, CORS, Node.js for Back-End Web Development.
- C1 English speaker and native Spanish speaker.