LJ Valencia

MASTER'S STUDENT · UNIVERSITY OF TORONTO

Toronto, ON, Canada

☎ (1) 780-729-1271 | ✉ lj.valencia@mail.utoronto.ca | ⌂ lj-valencia.github.io | ⓖ lj-valencia | ⓛ lj-valencia

Education

University of Toronto
MASTER OF ARTS IN ECONOMICS

Toronto, ON, Canada
June 2024 (Expected)

- Courses: *Econometrics, Quantitative Macroeconomics, Time Series Analysis, Economic Applications of Machine Learning*

University of Alberta
BACHELOR OF ARTS (HONORS) IN ECONOMICS, MINOR IN POLITICAL SCIENCE

Edmonton, AB, Canada
June 2020

- Thesis: *An Analysis of Demographics and Voting Behaviour in the 2019 Alberta Provincial Election*
- Courses: *Advanced Macroeconomic Theory, Econometric Methods, Advanced Microeconomic Theory*

Université de Montréal
EXPLORE PROGRAM (FRENCH IMMERSION)

Montréal, QC, Canada
June 2016

Professional Experience

Department of Economics, University of Toronto
RESEARCH ASSISTANT

Toronto, ON, Canada
Jan. 2023 - present

- As part of project with the Ontario Energy Board (OEB), I collaborate with a Research Team in producing an analytical report on electricity distribution companies.
- Conduct literature reviews, industry reviews, model replication and analysis, and aid with drafting portions of the report.

Department of Economics, University of Toronto
TEACHING ASSISTANT

Toronto, ON, Canada
Sep. 2023 - present

- Ran course tutorials on class material, hosted office hours for undergraduate students, and marked exams.

Bank of Canada
RESEARCH ASSISTANT (RA) - REMOTE WORK

Ottawa, ON, Canada
Aug. 2021 - Jul. 2023

- As a part of the Real Economic Activity Division (READ), I constructed customized charts for policy presentations, maintained Tableau dashboards of economic indicators, and updated forecast databases.
- Operated and augmented several nowcasting models using Git, Python, MATLAB, MySQL, and Microsoft Excel.
- Collaborated with Economists on a project evaluating end-of-quarter revisions in Canadian GDP-by-Industry.
- Developed an internal MATLAB package that retrieves and arranges vintages for real-time analysis and assessment of revisions.
- As part of the Digital Transformation project, I collaborated with a team in developing a Python-based forecast software for CPI Inflation.
- Utilized tools such as Python, and YAML to establish back-end processes and front-end software features.

Western Economic Diversification Canada (WD)
JUNIOR ECONOMIST

Edmonton, AB, Canada
Aug. 2020 - Aug. 2021

- Contributed to departmental policy formulation by analyzing economic trends and acting as a subject-matter expert within the WD Research and Analytics Team.
- Designed Python and R scripts for data analysis.
- Harnessed tools such as Microsoft Excel and Haver Analytics (Haver DLX) in conducting policy research.
- Handled multiple projects, participated in weekly meetings, and collaborated with other policy analysts in crafting policy proposals.
- Developed infrastructure to handle a large data set of Canadian small-to-medium enterprise (SME) financial information.

Skills

Programming	Python | R | MATLAB | SQL | C | Julia
Software	CSS | HTML | Hugo | YAML | Git Bash | LaTeX
Analytics	Tableau | STATA | Haver Analytics (Haver DLX)
Languages	Native Fluency: English, Filipino | Beginner-Intermediate: Ilocano, French, & Spanish

Certificates

2018	**Bloomberg Market Concepts (BMC),** Bloomberg LP	*Edmonton, Canada*
2020	**Introduction to Gender-Based Analysis Plus (GBA+),** Status of Women Canada	*Edmonton, Canada*

Citizenship

Country	Canada