David Ugarte Chacón *Curriculum Vitae*

Age:	32	Nationality:	Mexican
Civil Status:	Single	Passport:	Mexico
Email:	daviduch@kdis.ac.kr		

Academic Background

2024-*durans* **PhD Candidate: Public Policy**
KDI School of Public Policy and Management, Republic of Korea.

2021-2023 **Master on Public Policy: Financial Management and Data Science**
KDI School of Public Policy and Management, Republic of Korea. GPA: **9.3/10**. Thesis: *A Gradient Boosting Ensemble Machine Learning Model for Default Prediction on Behavioural and Socioeconomic Data.*

2013-2018 **Bachelor of Arts in International Relations**.
Universidad del Mar, Mexico. Overall GPA: **8.3/10.0**. Thesis: *The New Chinese Silk Road: Economic Solutions for Internal Problems*.

2010-2013 National Education System of Open High-School.
Overall GPA: **8.6/10.0.**

Professional Background

2023-*durans* *Teaching Assistant* at **KDI School**:
- ✓ Graduate courses: *Network Analysis, Quantitative Methods, Econometrics I, Econometrics II, Data Visualization, Computational Social Science Seminar.*

2024 *Research Assistant* at **KDI School:**
- ✓ Development of scraping, OCR and translation pipeline.
- ✓ Operational in less than 5 months. Logging, VC, scaling, tests, etc.
- ✓ Tenths of billions of tokens scraped.

2021-2023 *Editor* at **KDI School Writing Center**:
- ✓ Editorial work on 23 graduate scholars' degree dissertation thesis
- ✓ Conducting of 14 workshops on academic writing and business English

2020 *External Policy Analyst* for Mexico's **Secretary of Public Education**:
- ✓ Impact evaluation analysis for the "School is Ours" program

- ✓ Web development and deployment of the online survey platform in 1 week

2018-2019 *Visiting Faculty* at **Instituto Bilingüe Universitario**:

- ✓ Undergraduate courses *International Economic Structure, International Business, Foreign Trade, Macroeconomics Fundamentals*
- ✓ Contracted advisor for the overhaul of the whole International BBA program

2018 *Translator* for the UN Conference **3rd Retreat of the Friends of Monterrey Group on Financing for Development**:

- ✓ EN/ES/JP translation for the diplomatic missions to the United Nations
- ✓ Active participation in the Working Group on Technology Transfer table, which earned the compliments of several UN ambassadors and was key to the final resolution

2017 *Intern,* **Mexican Space Agency's** General Coordination of International Affairs and Space Security:

- ✓ Technology transfer networking with international partners
- ✓ Writing of press releases and public speeches

2016 *Intern,* Mexican **National Bank of Foreign Trade's** Business Management Directorate:

- ✓ Portfolio analysis: risk analysis, performance evaluation
- ✓ Market research on financial instruments and fintech

Languages

- Spanish: *Native level*
- English: *Native level* TOEFL iBT: 110 points
- Korean *Advanced level* TOPIK: Level 5
- Japanese: *Intermediate level* JLPT: Level 3
- Mandarin: *Basic level* HSK3: 154 points (NP)

Software

- Python:
  - Data Analysis, Data Cleaning, Data Management, EDA, Statistics, Impact Evaluation, Supervised Machine Learning (*advanced*)
  - Unsupervised Machine Learning, Deep Neural Networks, Masked Language Modeling, Google Cloud Architecture (*intermediate*)
  - Built following pipelines, all with logging, concurrency, version control, tests, error handling, API QA, scaling, budget control, etc.
    - Scraping of tenths of thousands of webpages
    - Explainable credit scoring with behavioural information
    - Novel framing analysis methodology using Masked Language Modeling
- Other languages: R (*advanced*), HTML, SQL, Stata (*intermediate*)

Publications and Conferences

-Ugarte, D., Lee, S., & Park, J. (2026). An explainable machine learning model for consumer credit scoring in Mexico. *Emerging Markets Review, 71*. DOI: 10.1016/j.ememar.2025.101424
-2023 Annual Daejeon Foreigner Startup Hackathon 3rd place
-2022 KDI Data Science Poster Exhibition, selected research.
-2022 KDI School Policy Seminar, selected panelist: *Reassessment of public health policy on nutritionary marketing regulation.*
-Ugarte, D. (2018). "TLCAN: Oaxaca enfrenta última semana de negociaciones" [NAFTA: Oaxaca faces last week of negotiations]. *El Imparcial*, Oaxaca de Juárez, August 19th; p. 5A.
-Lozano, A; Guadarrama, M. et al (Coords.) (2017). *Corporaciones multinacionales: una mirada a Oaxaca* [Multinational Corporations: a look into Oaxaca]. Huatulco, Universidad del Mar.
-Annual Congress of the Mexican Association of International Studies: 2014, 2015, 2017.
-Numerous closed-door seminars and field research, with hosts including: Bank of International Settlements, Mexican Foreign Service, Hyundai, & K-Water.

Early Achievements

2016	Best Delegation award in Mexico's United Nations Model UMARMUN 2016
2012	Japan Undergraduate Student *Monbukagakusho* Scholarship 2012 Exam: Natural Sciences Area "A", 5th national place
2011	Xalapa Superior Technology Institute, Admission Exam: 1st place

Other Merits

- **Voluntary Work:** repeated certified volunteering in Elementary, Middle, and High-Schools under the "Talent Donation" program, Sejong City, Republic of Korea .
- **Male Gymnastics:** *Class 8*. Copa GOA (2009): 5 gold, 2 silver.