

## EXPERIENCE

- Universidad Carlos III de Madrid** Madrid, Spain
  - Teaching Assistant* Sep 2020 - Jun 2021
    - **Teaching:** Conducted seminars on Macroeconomics and Game Theory to undergraduate students.
- Accenture** Moscow, Russia
  - Data Science Analyst* Jul 2018 - Jul 2019
    - **Debt Collection Optimization:**
      - \* Engineered features for the models and optimized them for over 100 GB of training data.
      - \* Created a model based on gradient boosting and probit regression to predict debt collection success.
      - \* The model helped to cut costs for around 20%.
      - \* Prepared dashboards with Tableau.
      - \* Prepared weekly status presentations and participated in meetings with the client.
    - **Internal Data Science Club:** Gave a presentation on how to use matplotlib efficiently to create informative infographics for deliverables.
    - **Rolling Mill Anomaly Detection:**
      - \* Created various models based on gradient boosting and LSTM and engineered features for them.
      - \* The final model could predict 90% of failures.
    - **Oil Well Performance Analysis:**
      - \* Performed exploratory analysis.
      - \* Helped build a gradient boosting model with XGBoost and engineered features for it.
      - \* Prepared dashboards with Tableau.
      - \* Prepared weekly status presentations.
- Data Integration Analyst* Feb 2018 - June 2018
  - **Business Intelligence system for a bank:**
    - \* Conducted tests to find bugs in the ETL processes on Hadoop, caught over 50 problems.
    - \* Created a Python tool for automated testing.
- nsc.media** Moscow, Russia
  - Resource Management Intern* Aug 2017 - Aug 2017
    - **Sales Forecasting:** Created a model to predict advertisement sales on TV using Python and Pandas.
    - **RPA:** Created various Excel macros to improve workflow and integration between Excel and in-house tools.
- Zolotaya Liniya** Moscow, Russia
  - Full Stack Developer* Sep 2015 - Feb 2017
    - **Web Development:** Development of an online booking system. Full development cycle, including technical specification creation, UI/UX development, back-end development (Laravel-based), front-end development (jQuery), server tuning and integration of the system into business-processes of the company.
    - **Analytics:** A/B testing and continuous improvement based on data.

## EDUCATION

- Hong Kong Baptist University** Hong Kong
  - MSc in Finance (FinTech and Financial Analytics); GPA: 3.67/4* Sep 2021 - Jun 2022
    - International Postgraduate Scholarship*
    - Courses:** Corporate Finance, Investment Management, Financial Derivatives and Risk Management, Blockchain and Cryptocurrency
- Universidad Carlos III de Madrid** Madrid, Spain
  - MSc in Economic Analysis; GPA: 7.05/10* Sep 2019 - Jun 2021
    - UC3M Full Scholarship*
    - Courses:** Microeconomics (Price theory, Game theory), Macroeconomics (DSGE), Econometrics (Panel data, Time series)
- National Research University Higher School of Economics** Moscow, Russia
  - BA in Business Informatics; GPA: 8.16/10* Sep 2015 - Jun 2019
    - Full State Scholarship*
    - Participated in a two-year long university project aimed at pulsar data analysis, implementing algorithms to analyze vast arrays of data*
    - Math & ML Courses:** Multidimensional Analysis, Quantitative Methods of Market Forecasting, Neural Networks, Applied Nonlinear Science
    - Management Courses:** Agile Software, IT Project Management, Enterprise Architecture, Organizational theory

## TECHNOLOGIES & SKILLS

- **Languages:** Python, SQL, R, Julia, TypeScript, C#
- **Frameworks:** Pandas, Scikit-learn, TensorFlow, Tidyverse, Excel
- **Visualization:** Tableau, PowerBI, Matplotlib, d3
- **DevOps:** Git, Apache Spark, Kubernetes, Docker
- **ML & Analytics:** Panel Analysis, Time Series Forecasting, Decision Trees, Support Vector Machines, Neural Networks

## TESTS

**IELTS:** 7.5

**GMAT:** 770 (99%, 44V/50Q)