(+961) 71-934 002
Beirut, Lebanon
mahdielamin@outlook.com

Mahdi El Amin
Software Engineer/Data Scientist

Portfolio: mahdielamin.github.io
github.com/MahdiElAmin
linkedin.com/in/mahdi-el-amin

SKILLS

Tools and Languages	R, Python, SQL, Java, C#, Julia, MATLAB, Power BI, Alteryx, Tableau, Excel, LaTeX, MarkDown
Statistical Analysis	*Kubicle Certified in:* Principles of Statistics, Introduction to Predictive Modeling, Probability Distributions, Hypothesis Testing
Communication	English (*fluent*), Arabic (*fluent/native*), French (*intermediate*), German (*beginner*)
Coursework	Machine Learning, Optimization & Non-Linear Problems, Software Engineering, Database Development, Data Structures & Algorithms, Cloud Computing, Numerical Computing, Probability and Random Variables, Economic Statistics and Econometrics, Measurement of Policy Outcomes, Advanced Calculus
Video Editing	Apple iMovie, Movavi, Camtasia
Other Skills	Translation, PowerPoint, Technical Writing

TECHNICAL EXPERIENCE

Research Assistant   OCT 2021 — JUN 2022
Paris School of Economics   *Paris, France*

Assisted PSE Chaired Professor Marc Fleurbaey and Yale-NUS College Assistant Professor Francis Dennig in their research on the Nested Inequalities Climate-Economy (NICE) model which began in 2015 at Princeton University.

- Visualized, manipulated and analyzed pre-prepared data and created new data using R.
- Implemented the macroeconomic model of the research study using Julia.

Assurance Associate   OCT 2020 — JUN 2021
PwC   *Beirut, Lebanon*

Worked with a team that provides clients with extensive risk and controls technical knowledge and sector specific experience from strategy to execution.

- Provided services related to controls around the financial reporting, compliance and operational processes, including business process and Information Technology management controls using technologies such as Excel, Power BI, and Alteryx.

IT Application Support Analyst   SEP 2019 — MAY 2020
American University of Beirut   *Beirut, Lebanon*

Provided technical support on the Oracle Self Service Human Resources platform for AUB faculty and staff.

- Assisted in data preparation and visualization using Excel and project documentation using PowerPoint and Visio.

EDUCATION

Coursework toward Master of Science in Applied Economics, *Paris School of Economics*   JUN 2022
- Completed 41 credits of the Public Policy and Development programme.
- **KEY PROJECT ROLES:** Research Analytics.

Bachelor of Science in Computer Science & Applied Mathematics, *American University of Beirut*   JUN 2020
- Cumulative GPA: 3.6/4.0 (with Distinction).
- Minors in Economics, Computational Science, and Creative Writing.
- Faculty of Arts and Sciences Dean's Honor List Spring 2018-2019.
- **KEY PROJECT ROLES:** Machine Learning Engineering, Database Development, Back-End Development.

Lebanese Baccalaureate II in General Sciences, *The International School of Choueifat (SABIS)*   JUN 2016

ACTIVITIES

Essayist   FEB 2021 — MAR 2021
- Education, Freedom, Social Justice   Megaphone News
- Introducing Animal Encounter, the center conserving and rehabilitating Lebanese wildlife   Beirut Today

Game Storyteller & Scriptwriter, *MED GAIMS*   JUL 2020

Animal Encounter and Center for Wildlife Conservation   AUG 2017 — present
- Tour Guide and Animal Caretaker
- PR Team Member: campaign and event planning and content writing.
- 28 hours of community service during the "Aley Z Let's Go!" Festival in 2017.

Candidate for the Student Representative Committee, *AUB Faculty of Arts and Sciences*   Fall 2018

Computer Science Student Society, *American University of Beirut*   Fall 2017 — Spring 2019
- Senior Representative and Event Organizer   Fall 2018 — Spring 2019

TEDxAUB, *American University of Beirut*   Spring 2017 — Summer 2020
- Logistics Team Co-Leader   Fall 2018 — Summer 2020
- Treasurer   Summer 2019 — Summer 2020