David Alberto Navarrete Lizardi

Contact

Sara 4625 Guadalupe
Tepeyac
07840, CDMX, México
5539069648
✉ david.navarrete@cinvestav.mx
My GitHub profile

Languages

Spanish
English

Software

MySQL, Python, R,
Matlab, GitHub,
Microsoft Office,
Latex

Hobbies

Finance
Design and Analysis of
Algorithms
Game Theory
Stochastic Processes

Personal skills

Punctuality, responsibility and a great capacity to learn are qualities that stand out to me; In addition to being a constant and dedicated person in the activities that I carry out.

Education

2021-2023 — **M.Sc. in Mathematics** — CINVESTAV
Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional

2015–2020 — **B.Sc. in Mathematics and Physics** — ESFM-IPN

Experience

2019-2021 — **Maths asesor**
Math and physics teacher

2021-2022 — **ESFM information control and management support program**
Management and administration of the database of the School Control Department of ESFM, along with the implementation of mathematical models for the interpretation of the information.

2022-2023 — **Mathematics research support program at the CINVESTAV**
Stochastic models of interest rates were studied, providing a general description, an alternative solution was found for them and, in turn, their stability was studied. This culminated in an application to finance in which the behavior of CETES at 28 days was mathematically analyzed.

Skills

Stochastic processes (mainly applied to interest rate models), discrete mathematics, numerical linear algebra and programming.

References

5548996928 — **Luis Francisco Ortiz Gonzalez** — Accounting Manager
✉ lortiz@covalto.com

5566105583 — **Alexis Pantoja Pineda** — Data Scientist
✉ alexis.pantoja@cinvestav.mx

5543184752 — **Miguel Angel Medrano Larios** — Master of Laws
✉ miguel.medrano@cide.edu

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