

Erick Miguel Diaz Lopez

*I am the necessary angel of the earth,
Since, in my sight, you see the earth again.
The Auroras of Autumn; Wallace Stevens*

Education

- 2013–2018 **Bachelor Degree**, *Higher School of Physics and Mathematics (ESFM)*, IPN, Mexico City, Bachelor degree in physics and mathematics
Description
- 2021–2023 **Master Degree**, *Institute of Mathematics, UNAM*, Mexico City, Master in mathematical sciences

Master thesis

- title Not title yet
- supervisors Dr. Ernesto Lupercio Lara and Dr. Omar Antolin Camarena
- description We study the notion of *stack* and *algebraic stacks* and we reviewed the characterization of $K_0(Stck_k)$ given by Ekedhal, as well as for *Deligne-Mumford stacks*.

Experience

Miscellaneous

- 2014–2020 **Tutor**, Mexico City
I have been a tutor for several undergraduated students covering subjects as calculus, linear algebra and differential equations
- 2023- **TA**, Miami, Florida
I've been a teacher assistant for several undergraduate courses at the University of Miami: linear algebra, differential equations, and calculus

Languages

- Spanish Mother language
- English B2 *TOEFL certificated*
- French B1

Computer skills

- C++ Basic notions covered while an undergraduated student Haskell Studying by my own
- Python Basic notions covered while an undergraduated student

Interests

- Reading Nothing more important and pleasant than having conversations with ourselves, so reading is the way I improve it.
- Writting While to be a mathematician has been a childhoods dream, being a writer is a dream of maturity.
- Mix Martial Arts fighter Although I have had some amateur fights I have this activity as part of what I consider the rudiments of a healthy life.