**Erick Hernandez Navarrete**, Spanish Nationality (ID oficial)
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*Mathematics, Theoretical Computation and its imple mentation at Financial World.*
*My aim is to be involved in all stages of the workflow from specification to coding.*

## Education

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| **2007-2010** | High School in Programming. **CECY'T 4 'Lazaro Cardenas del Rio' IPN Mexico.** |
| **2011-2015** | Bachelor of Mathematics. **Faculty of Sciencies,UNAM, Mexico.** |
| **2016-Present** | Master in Theoretical Computation and Mathematics. **IMATE, IIMAS UNAM** . |

## Work Experience

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| **2015-2017** | Assistant profesor at **Faculty of Sciencies,UNAM**, **Mexico**. |
| **2018-Present** | Quantitative Research and Data Analysis at **Inteligencia Capital and Finbitz**, **Mexico**. Development models and Coding for: |

- Optimize Inversion ETF's stock Portfolios
- Inner API's
- Managing and Maintenance of Financial Data in SQL formats as Inputs in the Models.

## University Experience

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| **2015- 2016** | Academic Project on Economy, Econometrics, Econophysics for financial Analysis with Dr.Ricardo Lino Mansilla Corona, UNAM. |
| **2017- 2018** | Academic Project in Models used in High Frequency Trading with Dr.Ricardo Lino Mansilla Corona, UNAM. |
| **2019-present** | Research Project in The bridge Between the Turing Machine Model and the Distributed Computing, UNAM, |

## Skills

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| **Design of Algorithms** | Design of Algorithms for the sense of Solve a problem and be Correct with it, and the Complexity metrics. |
| **ProgrammingLanguages** | C, C++, Lisp, Python and in genereal some imperative Lenguages to develop in Functional and OO Paradigms; SQL languages for managing and Maintenance data. |
| **Software** | : Linux Ubuntu, Linux Debian, Docker, Git,AWS |
| **Web Development** | Frameworks and Lenguages in the context of Document Object Model DOM |

- HTML
- Javascript
- PHP
- Jinja Templates

**Statistics:**

- Inference Statistics.
- Descriptive statistics.
- Time Series and lineal Regression.

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| **Languages** | **Spanish:** mother tongue. **English:** Regular fluent. **French:** Little. Worked in an international environment. |

## Interests and Activities

**Martial Arts**
**Technology**
**Programming**
**Mathematics**