Victor **Vaquero**

 zomvie-break | +66 63 726 5800 |
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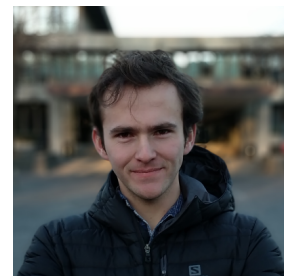*Engineer turned web developer looking for a full/part time job.*
Currently employed in Bangkok with a non-b visa.

Education

Bachelors of Science in Engineering   *2017 - 2019*
Technical University of Denmark, DTU   *Denmark*
- Thesis: Alternatives in coping with surplus renewable energy based on the case study of Ndeda mini-grid in Kenya.
- Courses: Mathematical Modeling | Introduction to Numerical Algorithms

`Python` `Data Analysis` `Data Visualization`

Bachelors of Science in Physics Engineering **   *2014 - 2016*
Instituto Tecnológico y de Estudios Superiores de Monterrey, ITESM   *Mexico*
- ** Completed 16 courses towards earning the degree.
- Courses: Problem solving with Programming | Linear Algebra

Professional Experience

Teacher, Astronomy   *2022 - Present*
Kwong Chow School   *Bangkok, Thailand*
- Planned and delivered lessons for students at elementary and secondary levels

`Science` `Astronomy`

Project Engineer   *2019 - 2020*
Start up   *Puebla, Mexico*
- Designed and built an automated prototype for aeroponic vertical system for growing leafy greens
- Implemented sensors and data acquisition system (temperature, humidity, pressure)
- Optimized resources for optimal growth (water, fertilizers, electricity)

`Python` `MicroPython` `ESP32` `Engineering`

Analyst, Real Estate   *2020 - 2022*
Agencia Inmobiliaria de Puebla   *Puebla, Mexico*
- Supervised the construction, design, and maintenance of residential houses and warehouses
- Interacted with stakeholders and tenants as legal representative of the properties
- Consultant for acquisition and sale of properties

Projects

Personal website   *2023 - Present*
chroniclesofhades.com   *Bangkok, Thailand*
- Used Django for the backend of the website APIs as well as the integration of third-party services such as allauth
- Handled APIs requests with vanilla JavaScript for following apps: todo list and weight tracker
- Styled and structured the website using html, django templates, and css
- Deploid to a web hosting service

`Django` `JavaScript` `CSS` `Python` `SQL` `React` `docker` `AWS`

Certificates

2022	**Google IT Automation with Python Professional Certificate**, Coursera, Google
2022	**Google Data Analytics**, Coursera, Google
2023	**Django for Everybody Specialization**, Coursera, University of Michigan
2023	**PostgreSQL for Everybody Specialization**, Coursera, University of Michigan
2023	**Python3 Programming Specialization**, Coursera, University of Michigan

Skills

Languages	| English | Spanish |
Tech Stack	| Python | Django | React | JavaScript | Linux | SQL | NextJS | Docker | NGINX | AWS |
Personal Interests	| NixOS | Data Science | Fitness | Running | Reading |