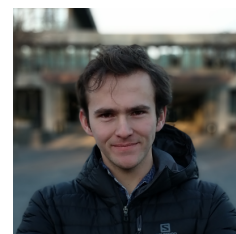


# Victor Vaquero

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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

 **Web developer** 2023 - Present  
Kwong Chow School Bangkok, Thailand

- Currently developing a modern website for the school using the latest technologies.

Django NextJS Docker AWS SEO

 **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 NextJS to render dynamic content on the server for improved SEO
- Styled and added responsive design using TailwindCSS
- Used Docker to contain the NextJS, Django, and NGINX servers
- Deployed the website on an EC2 in AWS

Django NextJS TailwindCSS 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 |