

# DAVID ZAVALA MORENO

STUDENT OF COMPUTER SYSTEMS ENGINEERING

## ABOUT ME:

I am student of Computer Systems Engineering at the Instituto Tecnológico de Morelia, specializing in Cybersecurity. I am responsible, proactive, empathetic and committed at work. I have experience working in team and I am always enthusiastic about learning new things.

## PROFILE:

### PROGRAMMING LANGUAGES

Java, C, C++, C#, JavaScript, PHP and Python.

### CYBERSECURITY TOOLS

Nmap, Wireshark, Ettercap, Nessus, Nikto, SQLMap, Lynis, Metasploit, Zenmap and John.

### DATABASES

I have experience modeling and managing relational databases in MySQL, MariaDB and PostgreSQL. In addition to notions of MongoDB.

### OPERATING SYSTEMS

I have experience in different Linux distributions, Windows, iOS and Android management as well as managing and configuring CISCO and Mikrotik equipment.

### VIRTUALIZATION

KVM, VMware ESXi, XenServer and Hyper-V.

### FRAMEWORKS (WEB DEVELOPMENT)

I have used frameworks like Laravel and MaterializeCSS for medium size projects and React for small size projects.

### OTHER

SCRUM, Git and NodeJS.

## EXPERIENCE:

### PROFESSIONAL RESIDENT

*UNAM ENES Juriquilla | January, 2022 - Now*

Currently developing a deep learning architecture to perform binary classification on optical coherence tomography images using Python: Keras, TensorFlow, Pandas and scikit-learn. Cleaning data and creating test cases.

### STUDENT ADVOCATE

*IBM | October, 2021 - January, 2022*

I'm part of the IBM program for university students where conferences and training courses are held on technologies such as IBM Cloud, Java, DevOps, Kubernetes, Docker, Data Science, among others.

### WEB DEVELOPER (SOCIAL SERVICE)

*Instituto Tecnológico de Morelia | January, 2021 - June, 2021*

Design and development of a web platform and database for the XVI Multidisciplinary Engineering Congress. Production, administration and maintenance of the platform.

### INTERN IN SYSTEMS DEPARTMENT

*Secretaría de Finanzas y Administración del Estado de Michoacán | January, 2018 - January, 2020*

Support in data capture, support and maintenance of computer equipment and networks, information backup and administrative tasks of the department.



## CONTACT INFO:

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**Website:** [David Zavala Moreno](#)

**Location:** Morelia, Michoacán

## LANGUAGES:

- Spanish
- English (B2)

## SKILLS:

- Cybersecurity
- Virtualization
- Relational databases
- Networking
- Operating systems management
- Git
- SCRUM
- Web development
- Office

## INTERESTS:

- Data science
- Artificial Intelligence
- Docker
- Kubernetes (K8s)
- DevOps
- SAP
- Ethical hacking
- QA