MARTIN DAVID GALVAN CASTRO

Software Developer

md.galvan@uniandes.edu.co | (+57) 3057066739 | Bogotá, Colombia
Martin David Galvan Castro | Khaez | martin-homepage.web.app/

KNOWLEDGE

Django | React | Node.JS | Express | Angular | TypeScript | Spring Boot | Hibernate | MySQL | MongoDB | Maven | Firebase | Kotlin | Python Pandas | Latex | AWS

SKILLS

Leader | Independent | Independent Learning | inspiring | Patient | Analysis of abstract problems | Pro-active | Creative | Interdisciplinary Work

LANGUAGES

Spanish: Native

English: Advanced / IELTS C1

EDUCATION

Mechanical Engineering
Universidad de los Andes
2016 - 2020

Computer and System Engineering
Universidad de los Andes
2016 - 2022

PROFESSIONAL PROFILE

Software Engineer graduated from the Universidad De Los Andes. With experience working with Java, Python, Django, Java, SQL Databases, MongoDB, Node, Express, React, Angular and AWS. With interest in Robotics, Artificial Intelligence, Software Design, Architecture and Development, Systems Modeling, Simulation, and Optimization and aspirations to become a Dev Ops Engineer or a Full Stack Developer.

EXPERIENCE

Helpdesk Support Engineer | LiveU

Feb 2021 – Feb 2021 | Bogotá, Colombia

- Offer support and issue resolution for broadcast and equipment of LiveU.
- Troubleshooting on Networking, Software, and Hardware issues on Fields Units and Servers for all Latin America
- Maintenance over Linux-based servers

Technical Analyst | Kin + Carta

Feb 2022 – Present | Bogotá, Colombia

- BackEnd and FrontEnd development using Java SpringBoot, NodeJS, React and Angular.
- Integrations with different API providers like Google

PROJECTS

ApoyaFem |

08 2020 – 11 2020

- Developed a Django REST-API for social impact application.
- Winning project of The Uniandes 2020-2 Exhibition.

SenecaBot |

08 2020 – 11 2020

- Developed graphic interface, proportional control and communication protocols for autonomous navigation robot.

Dynamic analysis of semi-passive bipedal walker with double pendulum model |

01 2020 – 06 2020

- Modeling and Simulation of a semi-passive bipedal walker powered by electromagnets in Matlab and Simulink

NIMFA Epidemiological model for studying malware behavior in IoT Networks |

06 2021 – 12 2021

- Modeling and Simulation of the evolution of a Botnet over an IoT network