DAVID EMMANUEL NICOLAS CASTAÑEDA
C/C++ & Java Software Developer

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 DavidENicolasC   in davidenicolasc

WORK EXPERIENCE

Miguel Hidalgo, Mexico City, Mexico. Jan. – Dec. 2022	**Softtek**
	Software Developer Jr.
	COBOL Fundamentals. Microservices in Spring Boot (Java), MySQL & MongoDB Databases.

PROJECTS

Coyoacan, Mexico City, Mexico. Jan. – Dec. 2022	**Smart control based on inertial navigation & neural networks for an articulated robot arm**
	Thesis Project
	Made a Control System using MPU inertial sensors and an Artificial Neural Network with GUI on Qt to use in an Articulated Robot Arm for the company Electrical Systems of Computer Powering (SEDPC).

EDUCATION

Coyoacan, Mexico City, Mexico. Jan. 2019 – Dec. 2024	**National Polythecnic Institute, Mechanical and Electrical Engineering Higher School Campus Culhuacan (ESIME-IPN)**
	Bachelor of Science in Computer Engineering
	Structured & OOP programming, A/D circuits design, organization & architecture computer design, analogic signal analysis & mathematical modeling, soft skills.

SKILLS

Technical Skills

Programming Languages:

C++	(3 years)
Python	(1 year)
Java	(1 year)
SQL	(1 year)

Technologies:

Git	(2 years)
Spring Boot	(1 year)

Languages

English - B2

Foreign Language Center (CELEX) ESIME Culhuacan. Coyoacan, Mexico City, Mexico.

Awards

Spring 2019	*First Place*
	Informathics Regional Olympiad. Technological University of the Southeast of Veracruz (UTSV). Nanchital de Lazaro Cardenas del Rio, Veracruz, Mexico.
Spring 2018	*Gold Medal*
	Informathics Veracruzan Olympiad. Xalapa-Enríquez, Veracruz, Mexico.