Daniel **Barahona**

COMPUTER ENGINEERING

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Summary

Upcoming Computer Engineer, currently studying at the Superior School of Computer Engineers (Autonomous University of Madrid, Spain). Avid reader and learning enthusiast. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises. Quick learner, successful working in both team and self-directed settings.

Education

Degree in Computer Engineering,   *Madrid, Spain*

EPS-UAM (MADRID, SPAIN)   *Sep. 2019 - Present*

- Average: 8.74 / GPA equivalent: 3.5
- Grades with highest honors (distinction) in 6 out of 26 courses

International Baccalaureate Diploma,   *Colmenar Viejo, Spain*

IES ROSA CHACEL (COLMENAR VIEJO, SPAIN)   *Sep. 2017 - Jun. 2019*

- Total scored: 38/45
- IB Extended Essay (EE) awarded with high grade (38/40)
- Extended Essay title: "To what extent did George Orwell's experience in the Spanish Civil War shaped his later works?"
- Research Topics: History
- Supervisor: Joaquín Herrero Lorente

Personal Projects

Mapache Server   *C*

FULLY-FUNCTIONAL WEB SERVER   *Mar. 2022*

- Implemented HTTP Requests and Responses, and their most important codes (200, 400, 404, 500).
- Fully capable of displaying HTML pages with images, GIFs, and executing Python & PHP scripts.
- Available here

Hera   *Python*

'ALEXA'/'SIR' CLONE MADE WITH PYTHON   *Jun. 2021 - Apr. 2022*

- Used the JavaScript Speech Recognition API for the browser to capture users' voice and execute commands.
- Implemented it by a TCP Client-Server system, in order to have it functioning for all devices in a private LAN.
- Connected with OpenWeatherMap API for retrieving the weather in any given city of the globe.
- Available here

Skills

Programming Languages	Python, C/C++, HTML/CSS/JavaScript
Frameworks & Data Science	SQL, MongoDB, Django
Project Management	SCRUM, Traditional Methodologies
Spoken Languages	Spanish (first language), English (CEFR C2)
Personal Skills	Creativity, Consistency, Self-discipline, Driving License