




Max Garcia Hinojosa

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ABOUT ME

Experienced in team collaboration and project development, with a passion for creating user-centric experiences. Skilled in hands-on creation and result-oriented approaches. Proficient in literature reviews, data collection, and effective communication. Known for meticulous record-keeping and multitasking abilities. Pursuing a degree in Computer Science and Engineering.

WORK EXPERIENCE

01/02/2024 – CURRENT Oulu, Finland

● **VR developer** University of Oulu, UBICOMP

- Played a key role in the redesign of VR experiences for the "VR Systems and Humans" course at the University of Oulu's UBICOMP Research Unit.
- Worked remotely with a diverse team to deliver immersive learning environments to students at IIT Madras in India, impacting potentially thousands of remote learners.
- Conducted performance optimization for Android platforms to ensure smooth user experiences.

01/11/2023 – CURRENT Oulu, Finland

● **Experimenter** University of Oulu, UBICOMP

- Support data collection in research studies.
- Ensure accurate and efficient data collection.
- Maintain detailed participant records.
- Collaborate in research team meetings.

01/06/2022 – 31/08/2023 Oulu, Finland

● **Research Trainee** University of Oulu, Optoelectronics and Measurements Techniques Research Unit

- Developed and implemented LabView educational software for electrical engineering students.
- Created a 3D environment using 360° photos to emulate a drone exploring the corridors of ITEE, similar to Google Maps.
- Developed a simple physics engine to handle collisions within the 3D environment.
- Implemented the project in Java and OpenGL, later in C# for Android devices.

10/2021 – 10/2023 Oulu, Finland

● **Student Ambassador** University of Oulu

- Helping potential students to more clearly define and follow their academic path.
- Visiting high schools, academic institutions and educational fairs providing information about the University of Oulu.

06/2021 – 07/2021 Turku, Finland

● **Maritime Engineer Cadet** Finnlines

- Assisted on the repair and service of electrical and mechanical equipment onboard ships.
- Evaluated the performance of maritime engines.
- Assisted in coordinating evacuation and safety drills.



05/2019 – 07/2019 Mexico City, Mexico

Research Assistant Institute of Chemistry, UNAM

- Performed own research on "Stability of Carbon Radicals".O
- Organized sets of experimental data, enabling a more intuitive visualization.
- Utilized specialized programs such as AIMAll and Gaussian 16.

EDUCATION AND TRAINING

08/2021 – CURRENT Oulu, Finland

Computer Science and Engineering BSc University of Oulu

08/2020 – 07/2021

Maritime Technology Novia University of Applied Sciences

Completed 52 ECTS towards BEng.

07/2019 United States

Space Academy Camp

LANGUAGE SKILLS

MOTHER TONGUE(S): Spanish

Other language(s):

English

Listening C2

Reading C1

Writing C1

Spoken production C1

Spoken interaction C1

French

Listening B1

Reading B1

Writing B1

Spoken production B1

Spoken interaction B1

Finnish

Listening B1

Reading B1

Writing B1

Spoken production B1

Spoken interaction B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

C# | C++ | C | Java | Python | MySQL | Linux | Git | Unity | LabView

ADDITIONAL INFORMATION

Accomplishments

01/2022 – CURRENT

Member of DICE program committee at the University of Oulu