



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

- Design and develop VR experiences for research, leveraging technologies like Varjo, Oculus, EEG, and Lab Streaming Layer (LSL) integrated with Unity.
- Create remote-access VR tools and educational content, including large-scale assignments for a joint program with IIT Madras, reaching over a thousand students worldwide.
- Serve as a teaching assistant for the VR Systems and Humans course, providing support to students on VR-related homework and projects.

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.
- Redeveloped the same project in Unity (C#).
- Enhanced the project's availability by making it compatible with 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.
- Maintained service records and other technical documents.

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.
- Accessed supercomputer Mitzli to perform computationally intensive calculations.
- Utilized specialized programs such as AIMAll and Gaussian 16.

Max Garcia Hinojosa

Date of birth: 14/04/2002


CONTACT

 maxgarcia1441@gmail.com

 (+358) 0442482082

 <https://tinyurl.com/aboutmaxgh>

 <https://gitlab.com/maxgarcia1441>

 <https://www.linkedin.com/in/max-garcia-hinojosa-832178264>

01/2019 – 04/2019 Mexico City, Mexico

Robotics Instructor ARACT UNAM

- Instructed young people in the foundations of robotics and programming in C++.
- Designed Arduino classes for high school students.
- Set up computers, simple network systems and delivered step-by-step instructions on basic use.

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

Spoken production C1

Reading C1

Spoken interaction C1

Writing C1

French

Listening B1

Spoken production B1

Reading B1

Spoken interaction B1

Writing B1

Finnish

Listening B1

Spoken production B1

Reading B1

Spoken interaction B1

Writing 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

ACCOMPLISHMENTS

01/2022 – 08/2024

Member of DICE program committee at the University of Oulu

06/2021

Award for good academic performance from Sjöfartsstiftelsen.