

Felipe Moreira Salas, M.S.

CRC (+506) 8319-6982 | POR (+351) 91309-5194 • felipe.moreiras796@gmail.com
• [linkedin.com/in/felipemoreiras796](https://www.linkedin.com/in/felipemoreiras796)

Civil Engineer | BIM Coordinator | Construction Specialist | Programming Enthusiast

Results-driven BIM specialist with a robust background in construction management and coordination. Skilled in utilizing Revit, Dynamo, and Navisworks, and genuinely enthusiastic about programming languages such as Python, JavaScript, and HTML. Dedicated to process optimization and efficiency enhancement. Proficient in contract management, quality control, and team supervision. Adaptable, innovative, and fluent in English and Spanish, with intermediate Portuguese skills. Eager to harness technical proficiency in the general areas of BIM and application development.

EDUCATION

BIM A+ European Master in Building Information Modelling

University of Ljubljana, Slovenia & University of Minho, Portugal

Sep 2022 – Sep 2023

Graduation project: AR-enhanced collaborative environment for Facility Management supported by OpenBIM

Licenciatura en Ingeniería Civil

Universidad de Costa Rica

Graduation project: Hydraulic testing in Costa Rica's National Laboratory of Engineering

PROJECTS

AR-enhanced collaborative environment for Facility Management supported by OpenBIM

Apr 2023 – Sep 2023

BIM A+ European Master

Description: This thesis focuses on creating an accessible AR-based tool to integrate BIM with AR, enhancing collaboration and productivity in construction.

- The development primarily centered around the frontend, utilizing programming languages like JavaScript, CSS, and HTML.
- Leveraging WebXR on IFC, the framework ensures autonomy, reduces dependencies, and enables cost-effective BIM data manipulation.
- The tool, accessible via a web-based client, provides real-time access to BIM objects and metadata across various platforms.

WORK EXPERIENCE

Amherst – MainStreet Renewal • Heredia, Costa Rica • Full-time

Feb 2022 – Sep 2022

Construction Specialist – Remote

- Managed vendor contract assignments for Dallas, Nashville, and Salt Lake City markets, ensuring smooth operations and timely project delivery.
- Successfully adjusted budgets and updated contracts for 10+ weekly projects, maintaining direct communication with a diverse network of 40+ vendors.

- Provided exceptional support in executing construction projects and coordinating vendor schedules, contributing to efficient project timelines and successful outcomes.
- Demonstrated excellent organizational abilities by effectively organizing and posting field reporting, streamlining project management processes.
- Gained valuable experience in multitasking and maintaining composure while resolving escalated construction management issues, ensuring project continuity and client satisfaction.
- Developed strong remote working skills, effectively collaborating with the team and maintaining high productivity levels.

CasaMax Inmobiliaria • San Jose, Costa Rica • Full-time

Apr 2021 – Jan 2022

Civil Project Engineer

- Oversaw the construction process, closure, and handover of multiple condominium projects, ensuring on-time completion and client satisfaction.
- Managed 10+ contracts weekly, closely monitoring progress and promptly addressing any arrears.
- Conducted thorough quality inspections on various structures, including houses, swimming pools, clubhouses, treatment plants, lag ponds, retaining walls, fences, roads, and underground nettings to ensure compliance with rainwater, sanitary, and drinking water management standards.
- Acquired valuable skills in inspection, personnel management, quality control, and customer service, contributing to project success.
- Demonstrated effective conflict resolution skills, fostering a productive work environment and resolving issues promptly.

PROYECTA – PLACE MAKING & MANAGEMENT • San José, Costa Rica • Part-time

Mar 2019 – Aug 2019

Civil Project Engineer

- Supervised the successful construction project of a metal sign and various remodelings in the West Facade of the Pozuelo Cookie Factory, ensuring adherence to design specifications and quality standards.
- Monitored weekly progress with contractors, maintaining an efficient schedule and achieving on-time completion.
- Optimized project costs by implementing cost-effective measures and negotiating favorable terms with suppliers, resulting in a cost savings of 15%.

RECOPE – COSTA RICAN OIL REFINER • San José • Internship

Jan 2019 – Mar 2019

Civil Engineering Intern

- Developed and implemented a document programming system using Visual Basic for Applications, enhancing efficiency and accuracy in designing foundation plates.

SKILLS

AutoCAD, BIMcollab, Dynamo, HTML, JavaScript, MS Project, Navisworks, Plannerly, Python, ReCap, Revit, SimpleBIM, Visual Basics