

# Marcela Alonso (she/her, they/them)

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## OVERVIEW

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**Full Stack Software Developer | PERN Stack | Project Management | Javascript**

Agile problem solver and passionate learner, seeking to leverage decade-long experience in managing design from concept to final product with technical skills as a full stack software engineer.

## EXPERIENCE

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### The Grace Hopper Program at Fullstack Academy

Remote

Software Engineering Full-time Student

10/2022 - 02/2023

- Accepted into a rigorous software engineering program to build full stack software applications:
  - Front end development with JavaScript ES6, ReactJS, Redux, CSS, HTML5
  - Backend RESTful APIs with Node.js and Express
  - Experience developing relational databases systems with PostgreSQL, and Sequelize queries
  - Test frameworks such as Jasmine and Mocha
  - Understanding of Object-Oriented design patterns
- Experience collaborating in team ceremonies using agile methodologies (stand-ups, design/code reviews), and software development tools (IDEs, source control with Git and GitHub)
- Knowledge of Test Driven Development and debugging
- **Toad's Garden | [Website](#)** : Collaborated with a team of 4 engineers to build an online single-player platformer game with Phaser3 as a game framework, Tiled Map Editor for interactive scenes, Webpack as a module bundler, and JavaScript
- Authored an article on setting up relational databases and development environments as a PC user published on Medium

### Common

New York, NY

Senior Architectural Designer

01/2022 - 09/2022

Architectural Designer

06/2019 - 12/2021

- Promoted to senior role by excelling in the management of 35% of the company's contracts
- Managed ~20 projects ranging \$700k+ in revenue size, using agile project management skills to thoroughly schedule tasks with internal and external teams, align scope priorities and budget costs, and shepherd projects from kick-off to delivery
- Developed business in two new markets (Tacoma and Winston-Salem), bringing in \$300k+ in new revenue quarter over quarter
- Scaled the size and scope of two portfolios with multiple projects by 75% through proactive and effective communication with partners, strong design services execution and contract delivery, and accountability
- Launched and effectively established a new real estate product for the company, by developing the brand values and design guidelines, and create a new revenue stream with the incursion of the first purpose-built project opening in 2023
- Established as a leader of pre-development feasibility studies, delivering 90+ compared to an average of 60, by standardizing a deliverable template
- Awarded the Common Values Award in 2020 and 2021, for upholding the company's values of 'Bringing Data to the Conversation' and 'Start With Yes' through client work (was the only person on the studio team to win it twice)

## Grimshaw Architects

New York, NY

Architectural Designer

01/2013 - 05/2019

- Managed the design, implementation and construction of new design guidelines on 15+ subway stations for the New York City Transit Authority, working with a multidisciplinary team of 30+ engineers and other key stakeholders with a **\$2bn budget**, a **fast track design-build construction timeline**, and actively **troubleshooting on site** with contractors and vendors
- Mentored a 3-person team of junior architects in developing their technical and soft skills
- Spearheaded the program and interior design for the check-in, security screening, and departure zones of an international airport terminal alongside an international team of designers and consultants

## EDUCATION

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**The Grace Hopper Program at Fullstack Academy**, *Remote*  
Software Engineering Immersive Bootcamp

02/2023

**New York University**, *New York, NY*  
Master of Science in Real Estate Development

01/2019

**Tecnologico de Monterrey**, *Monterrey, Mexico*  
Bachelor of Architecture

12/2012

## SKILLS

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- JavaScript ES6, CSS, HTML5, ReactJS, Redux, PostgreSQL, Express, Node.js, Sequelize, Phaser 3, MUI, GitHub, Git, Chrome Developer Tools, Adobe Creative Suite, Microsoft Office, AutoCAD, Revit, Rhino 3D, Bluebeam
- Languages: English (native speaker), Spanish (native speaker)