

Paula Goyanes

FULL STACK SOFTWARE ENGINEER | goyanespaula.github.io

LinkedIn: linkedin.com/in/paulagoyanes | GitHub: github.com/goyanespaula

EXPERIENCE

Course Report - Full Stack Software Engineer (Contract), Ruby on Rails

2018

- * Rebuilt the site's algorithm for matching 300,000+ monthly users to schools
- * Implemented client & server side functionality for adding email subscription options, including a responsive restyling of the site's footer & MailChimp integration
- * Added 20+ CSS fixes & mobile platform optimizations, including building a sleek, responsive view for school outcomes on pages with 500,000+ monthly views
- * Improved website performance (20% faster loads) through various optimizations, including expansion of the database schema, restructuring controller logic, and elimination of unnecessary N+1 database queries

Clear Labs - Research Associate & Quality Manager

2015 - 2017

- * Worked cross-functionally with our engineering team to develop our LIMS
- * Trained on & carried out all steps of the DNA sequencing workflow, including representative subsampling, DNA extraction, amplification, & next gen sequencing
- * Expanded the platform with GMO quantification, microbiome analysis & WGS serotyping of pathogens by building & executing R&D projects
- * As Quality Manager played a key role in obtaining & maintaining ISO 17025:2005 accreditation & compliance, writing 80%+ of our company standard operating procedures (SOPs)

Genentech - Manufacturing Bioprocess Technician

2014 - 2015

- * Produced & purified biotherapeutic medicines derived from genetically modified *E.coli* cells while upholding compliance to good manufacturing practices (cGMPs)
- * Executed & troubleshooted commercial manufacturing tasks such as reagent prep, protein purification, & interfacing with automated systems like PLCs
- * Setup & executed column chromatography & buffer solution operations

VOLUNTEERING

Liberty U.S.A. Immigration - Translator, Interpreter, Aid

2006 - PRESENT

Liberty U.S.A. is committed to affordable immigration guidance; as a volunteer I:

- * Translate Birth, Baptismal, & Marriage Decrees for clients with income levels below the Federal Poverty Guidelines
- * Assist in determining paths to naturalization, having helped over 400 clients

SKILLS

ENGINEERING

Languages/Environments

JavaScript • Python • HTML • CSS

Frameworks/Libraries

React • Redux • Ruby on Rails
Node.js • Express • Flask

Databases/Platforms

MongoDB • Heroku
PostgreSQL

DESIGN

Adobe Illustrator • Adobe Acrobat
Adobe Animate • Adobe InDesign
Adobe Photoshop

LANGUAGE

Spanish • English
Interpretation • Translation

EDUCATION

Rithm School

Software Development Immersive

Florida State University - 3.9 GPA

B.S. - Biochemistry, Physics

B.S. - Biology, Spanish Literature

CONTACT

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Location

San Francisco Bay Area, CA