

Paula Goyanes

<https://www.linkedin.com/in/paulagoyanes>

Phone: (561) 584-0581

Email: goyanespaula@gmail.com

EXPERIENCE

Course Report - Full Stack Web Developer (Contract)

2018

- *Refactored backend functionality for matching 100,000+ monthly users to schools by modifying the database using ActiveRecord, optimizing the matching algorithm, and restructuring controller logic
- * Improved website performance (30% faster page loads) by using Ruby on Rails and SQL tech to eliminate unnecessary N+1 database queries and optimize matching algorithms
- *Built functionality for viewing custom outcomes on school pages (400,00+ users/month) using a sleek, responsive design
- * Implemented client and server side functionality for expanding email subscription options, including a responsive restyling of the websites main footer

Encobridge - Compliance & Education Consultant, Software Developer (Contract)

2017 - PRESENT

- *Designed and developed the Encobridge business website using frontend technologies
- *Designed course material for engineering continuing education classes. Topics included basic infrastructure construction, quality management, and ethics & responsibilities
- *Created and organized the framework and materials necessary for business certification as continuing education & CTQP providers by the State of Florida and Miami Dade

Clear Labs - Research Associate & Quality Manager

2015 - 2017

- *Carried out & trained on all steps of the DNA sequencing workflow, including representative subsampling, DNA extraction, amplification, and next generation sequencing
- *Expanded the platform with GMO quantification, microbiome analysis and WGS serotyping of pathogens by building and executing R&D projects
- *As Quality Manager played a key role at obtaining and maintaining ISO 17025:2005 accreditation and compliance

Genentech - Manufacturing Bioprocess Technician

2014 - 2015

- *Produced and purified biotherapeutic medicines (biologics) derived from genetically modified *E.coli* cells
- *Executed and troubleshooted commercial manufacturing tasks such as reagent prep, protein purification, sterilization, and interfacing with automated systems such as PLCs
- *Setup and executed CIP, SIP, column chromatography and buffer solution operations
- *Strictly upheld compliance to good manufacturing practices (cGMPs) and standard operating procedures (SOPs)

Dr. Hughes Fruit Fly Genetics Lab - Laboratory Technician

2011 - 2012

- *Researched the genomic determinants of life span using biochemical assays
- *Designed and conducted experiments determining ecological/genetic factors in sexual selection
- *Supervised tasks conducted by volunteers such as matings/transfers, ensuring good laboratory practices (GLP)

EDUCATION

Rithm School

Full Stack Web Development

Florida State University - 3.9 GPA

Bachelor of Science - Biochemistry

Bachelor of Science - Biology

Minors - Physics, Spanish Literature

SKILLS

Engineering

JavaScript • Python • HTML • CSS
Node • Express • MongoDB • Flask
React • Redux • Ruby on Rails

Design

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

Science

Aseptic Technique • cGMP
Gel Electrophoresis • PCR
GC/HPLC Chromatography
Media/Buffer Prep
Next Generation Sequencing

Language

Interpretation • Translation

OTHER EXPERIENCE

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

2008 - PRESENT

Liberty Immigration is committed to giving individuals their best chance at contributing to & diversifying our society by aiding them in the path to American citizenship.

As a volunteer I:

- *Translate Birth, Baptismal, and Marriage Decrees for clients with income levels below the Federal Poverty Guidelines

- *Assist in determining paths to naturalization, having helped over 400 clients

LOCATION

San Francisco, CA