

Joman Diec

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WORK EXPERIENCE

Popcorn Robot

January 2023 – Present

Web Developer

Los Angeles, CA

- Conduct bulk data modifications to prepare for site version update and ensure smooth deployment.
- Successfully deploy updates onto the server to improve overall website performance and enhance mobile compatibility.
- Leverage Javascript on e-commerce platform to customize user experience based on complex customer group requirements
- Built in a team of 4 people using Agile methodology

Sunrider International

May 2008 – Mar. 2022

Biotechnology Researcher, R+D dept.

Los Angeles, CA

- Researched and evaluated feasibility of setting up a biofermentation lab and production facility for cosmetic and supplement ingredients.
- Performed long-term stability tests on various food, personal hygiene, and cosmetic products using HPLC, MS, FT-IR, TLC, GC, and various chemical assays according to SOP.
- Wrote/edited SOP's for testing methods of new compounds of interest to US and foreign regulatory agencies
- Performed various tests on a variety of compounds from suppliers to determine if they meet USP, FCC, and/or ACS specifications
- Purified and/or prepared extracts from raw herbs for use in the manufacture of finished products
- Provided general maintenance to the lab including instrument calibration/upkeep, purchase of equipment/consumable, and disposal of hazardous chemicals

Walter Reed Army Institute of Research

July 2005 – May 2008

Graduate Intern, Molecular Pathology dept.

Silver Spring, MD

- Used cDNA microarrays to perform an analysis of gene expression in cells from host infected with encephalitis or anthrax
- Isolated RNA from cells suspended in trizol through a chloroform extraction
- Analyzed RNA samples for quantity and quality using bioanalyzer to determine if they were suitable for further experimentation
- Processed samples collected from clinical trials of a vaccine for dengue fever
- Started and maintained cell cultures for use in breast cancer studies

EDUCATION

Popcorn Robot University

September, 2021- Ongoing

Full Stack Web Development

Los Angeles, CA

Pennsylvania State University

December, 2005

MS, Biotechnology

State College, PA

Rutgers University

May, 2003

BS, Biotechnology

New Brunswick, NJ

SKILLS & INTERESTS

Portfolio Page: jomandiec.github.io

- **Skills:** *Coding:* Django, Python, HTML5 & CSS3, Javascript, Bootstrap 4, SocketsIO, Git, Asana, Agile Method, AJAX, Docker, Stencil
Laboratory: DNA/amino acid sequence analysis, Electron microscopy (TEM/SEM), Fluorescent microscopy, Fatty acid extraction, Gel electrophoresis (inc. SDS-PAGE), GLP, High throughput screening, FT-IR, Mammalian cell culture, ELISA, Microarray, Monoclonal antibody production, PCR/RT-PCR, Real-time PCR, Plant tissue culture, Recombinant DNA techniques, RNA isolation/purification, Thin layer Chromatography, UV/Vis spectrophotometry, HPLC, LC-MS, Aseptic technique, Chinese (Cantonese- speaking and reading)
- **Interests:** Board games, Video games, Sci-fi/fantasy, RPG's, Politics, Movies, Anime, Space, Reddit, Food, Trivia