Cedric Orejola

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PROJECTS

Lendlease – Construction Fire: Prevention & Control: https://sleepy-eyrie-44318.herokuapp.com/   August 2019
- User friendly construction fire risk assessment tracking application built using the MERN stack and following 'MVC' architecture.
- Utilized mongoose ORM to store survey results & display the current result on D3.
- Mobile responsive application w/ user authentication that is maintained using Json Web Tokens.
- Group git workflow coordinated using the agile methodology & zenhub.

Collective Academy - EVA: https://peaceful-brushlands-94710.herokuapp.com/   July 2019
- Student/Instructor feedback evaluation platform using PostgreSQL to store user, course & feedback information to be displayed to the client using handlebars.JS.
- Utilized ExpressJS as the server framework
- Developed the models and utilized the sequelize ORM to access the SQL database.

Tierra Nueva – Coffee Thins Store Locator: https://corejola.github.io/CoffeeThin-StoreLocator/   June 2019
Github Repo: https://github.com/corejola/CoffeeThin-StoreLocator
- Store Locator web application for Tierra Nueva's Coffee Thins utilizing Google Maps API, jQuery & custom Velvet Branding API.

EXPERIENCE

Assistant Project Manager
Current Projects: Oceanwide Plaza Project
Lendlease, Los Angeles, CA   October 2017 – Present
- Trade manager for the Exterior LED Display Signage & Doors/Frames/Hardware scopes of work.
- Led the buyout & development trade specific contract of the Telecommunications scope of work.
- Review monthly subcontractor's trade pay applications & change order logs to verify billed materials & work completed on site.
- Participate in design & coordination meetings with owner, architect & subcontractors.

Project Engineer
LAX – United Airlines Terminal Redevelopment Program (T7/T8), LAX – T2 Systems/Finishes, LAX – IT MPOE
Limbach Company LP, Los Angeles, CA   May 2016 – October 2017
- Participated in weekly mechanical design assist & resolution meetings & jobsite walks to observe site conditions.
- Review RFIs, architectural supplemental information, and contract drawing revisions to assess the impact to the scope of work and potential change orders. Priced change orders for HVAC mechanical sheet metal and piping systems.
- Performed heat load analysis calculations using Energy Pro, system layout using AutoCAD, and pipe sizing to assist take-off estimate for design assist efforts during project bidding.

Project Engineer: University of Southern California 'The Village Project'
University of Southern California, Los Angeles, CA   August 2015 - May 2016
- Built and maintained drawing revision history for The USC Village Project using Bluebeam Sets & Studio Projects.

Engineer II: Freshwater & HVAC Ship Systems Waterfront Engineering Group
General Dynamics Electric Boat, Groton, CT   June 2012 – April 2015
- Resolved emergent shipyard issues for the Freshwater and HVAC Ship Systems during the construction, testing and certification processes of US Navy VIRGINIA class nuclear submarines by coordinating with other design and engineering groups on ship system modifications to minimize the impacts to ship's delivery schedule while maintaining technical quality.
- Altered construction drawings, classified system diagrams, ships manuals and test procedures to resolve construction deviations that affected system performance and specifications.
- Developed, tested, and validated a 3-D printed modification for airflow measuring equipment for the ship's test organization.
- Managed the HVAC laboratory and wind tunnel while upholding laboratory and wind tunnel safety procedures. Provided test equipment tutorials and supported in test setups for other engineering groups.

Junior Estimator
Paladin Construction Corporation, Brooklyn, NY   May 2011- May 2012
- Prepared take-off estimates of interior glass, windows, glazing, curtain walls, and storefronts for project bid proposals.

EDUCATION

Full Stack Web Development   March 2019 - August 2019
UCLA Extension, Los Angeles, CA
Git, HTML, CSS, Javascript, React.js, jQuery, Node.js, Express.js, MySQL, MongoDB

Bachelor of Science: Mechanical Engineering   September 2007 - May 2011
New York University: Tandon School of Engineering, Brooklyn, NY   GPA: 3.0/4.0

CERTIFICATION

Engineer-In-Training (EIT) Certification, New York   October 2011

AWARDS AND HONORS

Dr. Morris Young Outstanding Project Design Award: Urban Wind Turbine Senior Design Project   May 2011
Electric Boat Employee Recognition Team Award Freeze Protection   November 2013
Electric Boat Employee Recognition Award, SSN 782 PSA HVAC Zone Balance   September 2014
Electric Boat Employee Recognition Award, 3-D Printed Shroud HVAC Test Support   February 2015