Cedric Orejola

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https://github.com/corejola | https://www.linkedin.com/in/cedricorejola/ | https://corejola.github.io/PortfolioMain/

EXPERIENCE

Software Engineer Contract - EVA2 (Phase 1) – Collective Academy   October 2019 – January 2020
- Participated in weekly stand ups with client and implemented agile methodology with Trello to track activities.
- Updated and redesigned Collective Academy's student evaluation system *EVA* with a new user interface/experience using Adobe XD for mockups.
- Built out the user interface using existing Vue.js and integrated with the legacy Django/ PostgreSQL backend.
- Added new user registration feature to the main student portal.
- Set up Dock Containers to run backend environment.
- Created *readme* documentation for hand off to internal Collective Academy team.

Assistant Project Manager - Lendlease Los Angeles, CA
8th & Figueroa Project   December 2019 – January 2020
- Coordinated the competitive bidding & buyout of the Interior Doors, Frames & Hardware scope of work.

Construction Fire: Prevention & Control Application: https://sleepy-eyrie-44318.herokuapp.com/   August 2019
Github Repo: https://github.com/corejola/construction-fire-prevention-control
- Developed a 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.
- Implemented a mobile responsive design w/ user authentication that is maintained using Json Web Tokens.
- Coordinated the group git workflow using the agile methodology & Zenhub.
- Test Login Information - Username: testProfile, Password: Testing!1

Oceanwide Plaza Project   October 2017 – January 2020
- Trade manager for the Exterior LED Display Signage & Doors/Frames/Hardware scopes of work, bought out Telecommunications scope of work.
- Review monthly subcontractor's trade pay applications & change order logs to verify billed materials & work completed on site.
- Lead design & coordination meetings with owner, architect & subcontractors.

Project Engineer – Limbach Company LP, Los Angeles, CA   May 2016 – October 2017
LAX – United Airlines Terminal Redevelopment Program (T7/T8), LAX – T2 Systems/Finishes, LAX – IT MPOE
- 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.
- 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', Los Angeles, CA   August 2015 - May 2016
- Built and maintained drawing sets revision history for The USC Village Project using Bluebeam Sets & Studio Projects.

Engineer II: Ship Systems Waterfront Engineering Group, General Dynamics Electric Boat, Groton, CT   June 2012 – April 2015
- Resolved emergent shipyard construction & system testing issues for the Freshwater and HVAC Ship Systems of US Navy VIRGINIA class nuclear submarines.
- Validated ventilation system design calculations for MTS and VIRGINIA Class by performing various AC load, pressure drop and correction factor calculations.
- Developed, tested, and validated a 3-D printed modification for airflow measuring equipment for air balance testing.
- Managed the HVAC laboratory, wind tunnel, test equipment inventory and provided engineering test support.

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.

PROJECTS

Passive Infrared Cat Litter Exhaust System   On-going
- Designed a Cat Litter Exhaust system utilizing an Arduino Uno, basic electrical components, a PIR Motion Sensor and a 12VDC fan.

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 Express.js as the server framework
- Developed the models and utilized the *Sequelize* ORM to access the SQL database.

Velvet Hammer Branding: 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, lodash, jQuery & custom Velvet Branding API.

EDUCATION/ CERTIFICATION

Full Stack Web Development Coding Bootcamp   March 2019 - August 2019
   UCLA Extension, Los Angeles, CA

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

Bachelor of Science: Mechanical Engineering   September 2007 - May 2011
   New York University: Tandon School of Engineering, Brooklyn, NY
   Morris Young Outstanding Project Design Award: Urban Wind Turbine Senior Design Project

TECHNICAL SKILLS

Git, JavaScript, Python, Vue.js, React.js, HTML, CSS, Express.js, Node.js, MySQL, PostgreSQL, MongoDB, Arduino, Onshape