

# Cedric Orejola

(973) 493-2255 | [cedricorejola@gmail.com](mailto:cedricorejola@gmail.com)

<https://github.com/corejola> | <https://www.linkedin.com/in/cedricorejola/>

## PERSONAL STATEMENT

Motivated software engineer with previous experience in mechanical engineering and construction management. Driven by personal development by constantly exposing myself to new challenges.

## TECHNICAL SKILLS

Git, HTML, CSS, JavaScript, Express.js, Node.js, React.js, Angular.js, MySQL, MongoDB, Python, Django,

## PROJECTS

**Velvet Hammer Branding – Employee Timesheet** In Development

- Created wireframe mock up to layout a timesheet form fields with Angular Material.
- Building a UX/UI timesheet interface using Angular.js & Angular forms using AXIOS to post the form data to the Laravel backend.

**Collective Academy – EVA2** In Development

- Building a new Vue.js interface with legacy Django/Postgresql backend.
- Setting up Dock Containers to run backend environment.

**Lendlease Construction Fire: Prevention & Control:** <https://sleepy-cyrie-44318.herokuapp.com/> August 2019

GitHub Repo: <https://github.com/corejola/construction-fire-prevention-control>

- 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 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.

## EXPERIENCE

### Assistant Project Manager

#### Current Project: Oceanwide Plaza Project

Lendlease, Los Angeles, CA

October 2017 – Present

- 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

#### 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.
- 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 sets 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 construction & testing issues for the Freshwater and HVAC Ship Systems of US Navy VIRGINIA class nuclear submarines.
- 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.

## EDUCATION

### Full Stack Web Development Coding Bootcamp

UCLA Extension, Los Angeles, CA

March 2019 - August 2019

### Bachelor of Science: Mechanical Engineering

New York University: Tandon School of Engineering, Brooklyn, NY

Morris Young Outstanding Project Design Award: Urban Wind Turbine Senior Design Project

September 2007 - May 2011

GPA: 3.0/4.0

## CERTIFICATION

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

October 2011