

Cedric Orejola

(973) 493-2255 | cedricorejola@gmail.com

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

EXPERIENCE

Software Engineer Intern – DataSlate

June 2020 – Present

- Developed an open source job tracking application (Career Sauce) using agile methodologies.
- Built out the backend portion of the application using Express.js & Node.js and implemented user registration/authentication using Passport.js. API endpoints tested using Postman.
- Established database models using Sequelize & PostgreSQL.

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 existing Vue.js.
- Front end integrated into 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!!

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 zone air balance testing equipment.
- 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

Career Sauce - <https://careersauce.herokuapp.com/?#/>

On-going

- Developed an open source job tracking app built with Vue.js, Express, Node & PostgreSQL.

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.

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