Hunter Hutchisson, P.E.

Full-Stack Software Engineer
Houston, TX | (702) 232-5937

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Creative software engineer with the ability to pick up new languages and technologies as needed. Prior to being a software engineer, I worked as a Project Engineer for Costello where I designed plans and managed construction for projects involving reconstruction of drainage, wastewater, and water facilities for various municipalities around the Houston area.

Software Development Skills

- Debugging, JavaScript, Python, Node.js, Express, RESTful API, PostgreSQL, Sequelize, Bootstrap, React, HTML, CSS

Education

DigitalCrafts | Houston, TX   **September 2021 – January 2022**

- Software engineering training program covering full-stack development including, but not limited to JavaScript, Python, and server-side technologies including Node.js, Express, PostgreSQL, and React.

University of Nevada, Las Vegas | B.S. in Civil Engineering | Las Vegas, NV   **Fall 2011 – Spring 2015**

Software Development Projects

birDB | http://birdb.io/ | github.com/hunterhutchisson/birDB   **November 2021**

- birDB is a bird watching journal and social media site allowing you to learn about recent birds sighted, add field notes and images to a personal birdwatching journal, share sightings with others, and chat about similar interests.
- As a member of a four-person development team using Agile methodologies, roles included: back-end route handling of database info to populate web pages with a multiple overviews of posts or a single detailed blog post, functionality for a user to post, edit, and delete comments, and functionality for a user to follow other users.
- Built with JavaScript, Node.js, PostgreSQL, Express, Sequelize, HTML5, EJS, CSS3, Bootstrap, Socket.io, Passport, Bcrypt, and Cloudinary API.

WhereBack Machine | thewherebackmachine.netlify.app | github.com/hunterhutchisson/Front-End-Project   **October 2021**

- WhereBack Machine is a device to learn about historical events on this date, or on the date of your choosing, and where those events are located in the modern world.
- As a member of a four-person development team using Agile methodologies, roles included: fetching desired event data from APIs, web scraping Wikipedia Articles for geo-locations, functionality to pass geo-locations to Google Maps API, front-end functionality of home and search pages to populate the page with event data based on current dates or user selected dates, functionality for a user to load in new historical events.
- Built with Google Maps API, Wikimedia On this Day API, JavaScript, HTML5, CSS3, Bootstrap, Flexbox, and web scraping.

Professional Work Experience

Costello, Inc. | Project Engineer | Public Infrastructure Dept. | Houston, TX   **October 2018 – August 2021**

- Designed public infrastructure systems for different municipalities in the Houston area. This includes evaluating given data such as land topography, sub-soil conditions, and rainfall data to properly calculate storm sewer size, alignments and stabilizing efforts to necessary city and state requirements. This can include the relocation of existing utilities.
- Collaborated heavily with team members as well as clients, contractors and subcontractors during design and construction to ensure all project requirements are met on schedule and with-in budget.
- Coordinated construction management efforts such as site visits, monthly progress meetings and final construction walkthroughs, to confront and solve any issues that may arise during construction and to inspect the quality of work.
- Took on management roles including invoice review and submitting designs and permits to necessary agencies for approval.
- Directed a designer in drawing project plans and reviewed their work for errors before passing on to the Project Manager.

Licenses

- Civil Profession Engineer #142425 licensed by the Texas Board of Professional Engineers and Land Surveyors.