

Patrick Chen

FULL STACK DEVELOPER · CIVIL ENGINEER MAJOR · UNIVERSITY OF CONNECTICUT

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About Me

Front End HTML · CSS · JavaScript · jQuery · Bootstrap · Handlebars · React
Back End Node.js · Express JS · Jest · MySQL · MongoDB · Heroku
Tools Git · npm

Experience

Garg Consulting Services

Rocky Hill, CT

INSPECTOR - 0151-0034 - RT. 8 BRIDGES REHABILITATION

Waterbury, CT

Jun 2021 - Sep 2021

- Communicated effectively with contractors, state troopers, and Highway Operations for safe lane closures and best practices by performing it twice-daily. Ensured that there were no preventable accidents while on stay in the project.
- Quickly became knowledgeable on project design plans and specifications to immediately start working within a week.

OFFICE ENGINEER - 0320-0021 - NETWORK CONNECTIVITY FOR SECURITY

New Haven, CT

Feb 2021 - Jun 2021

- Created schedules and timelines by coordinating with CTDOT, Amtrak, Metro-North, Verde Electric and Appleton Security and established weekly feedback and responses for each work week.
- Developed project updates and analysis for bi-weekly project meetings.

INSPECTOR - 0300-0138 - NEW HAVEN RAIL WEST END YARD

New Haven, CT

Aug 2019 - Feb 2021

- Inspected and documented all construction activities, working alongside Amtrak and Metro North force accounts.
- Trusted in coordinating and managing work order invoices by verifying accurate calculations and payments.

OFFICE ENGINEER - 0301-0176 - WALK BRIDGE REPLACEMENT

Norwalk, CT

May 2017 - Aug 2019

- Individually created and implemented an Access Database for the Environmental Engineering Department for NEPA (National Environmental Policy Act)/permitting documents to which the project still maintains and uses.
- Responsible for providing engineering support in development of schedules, estimates, and constructability reviews.

ENTRY LEVEL ENGINEER - 0301-0124 - NEW HAVEN RAIL FACILITY

New Haven, CT

Apr 2016 - Mar 2017

- Managed and organized documents to log data, submittals, and inquiries for project contracts.
- Drafted responses for inquiries and reviewed engineer responses for specification conformity.

Projects

Trackend · [Github](#)

- Built a Content Management Ticketing System that tracks issues through a MVC paradigm with a team.
- Created working models, relationships and user experience with Handlebars and Sequelize.

Open Fridge · [Github](#)

- Spearheaded and created a recipe app as a team leader of 3 by building the wireframe, layout and project details.
- Creatively sourced vital data by writing dynamic REST API routes and persisted local data.

Education

University of Connecticut Coding Boot Camp

Storrs Mansfield, CT

Certificate of Completion, Trilogy Education Services

Sept 2021 - Now

University of Connecticut

Storrs Mansfield, CT

Bachelor of Science, Major in Civil and Environmental Engineering

Dec 2015