THOMAS M. CLAYDON
Full Stack Software/Mechanical Engineer

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SUMMARY

Professional Full Stack Web Developer (3+ years). Prior experience in mechanical engineering (2+ years) working as a HVAC/Plumbing design engineer and (10+ years) in the construction industry as Laborer, Drafter, and Manager. Offering flexible technical and management skills suited for a dynamic working environment and a strong willingness to take on new languages and technical topics.

PROGRAMMING TECHNICAL SKILLS

HTML5, CSS3, LESS, SASS, Tailwinds, Material UI, JavaScript, React.js, Redux.js,
Node.js, Express, PostgresSQL, SQLite, knex.js, jestjs.js, Heroku, Netlify, GCP, GIT, Postman, NPM, Python, C++, C

EXPERIENCE

C Hear, Dallas, TX (Remote)   September 2019 - October 2020
Full Stack Web Developer/Software Engineer
- Developed Technology Demonstration.
- Designed and Developed Full Stack Management Rest Application for Production
- Managed/Developed Internal Services
- Contributed to Core Technology

Lambda School Academy of Computer Science and Web Development   March - April 2019
Teaching Assistant - Web Development
- Acted as a medium between the class instructor and team members, providing materials, references, guidelines and instruction when required.
- Provided over watch during the project duration, spotting pitfalls regarding teammate miscommunication, and improper or poorly thought out solutions. Responded with precise guidelines in order to steer them in a productive direction.
- Helped solve looming problems associated with deployment, database/server architecture and version control.
- Oversaw daily standup meetings for 10+ students to facilitate communication between the team members, providing the opportunity to speak out about concerns or problems regarding the project state.

Rose Wood Shop, Portchester, NY   May. 2016 - Present
Drafter/ Estimator
- Served as the project drafter creating detailed shop drawings for custom cabinet manufacturing.
- Acted as a project estimator, reviewed architectural drawings and calculated pricing for project proposals.

Collado Engineering, White Plains, NY   Sept. 2014 - Oct. 2016
Mechanical/Plumbing/Fire Protection Consulting Engineer
- Served as a project manager and engineer to manage teams of 3+ engineers in a fast-paced working environment.
- Produced complete designs of mechanical, plumbing and fire protection building systems in the Tri State Area.
- Collaborated with owners, architects, building officials, and contractors to provide these solutions.

EDUCATION

Lambda School Academy of Computer Science and Web Development   Oct. - July 2019
Lambda School is a 9+ month Software Engineering Academy that provides an immersive hands-on curriculum with a focus on computer science, software engineering, and web development.
- Approached coding challenges with and without pair programming.
- Utilized agile software development and Git workflow on all projects.
- Gained hands-on experience with client and server testing,
- Completed all curriculum course work including: HTML5, CSS, Javascript, React, Redux, Node, Express, Python, C
- Wrote production-ready code using React, Redux, Node and Express to build single page applications.

Manhattan College, Riverdale, NY
B.S. Mechanical Engineering   Sept. 2010 - May 2014