**THOMAS M. CLAYDON**

**Full Stack Software/Mechanical Engineer**

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**SUMMARY**

Professional Full Stack Web Developer (2+ 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**  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