Matthew Brockus

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Software engineer bringing 3 years of experience in Lean manufacturing engineering. Keen to the latest technologies, I bring a passion and proven ability for efficient problem solving. My broad range of visibility and KPI's across multiple departments has strengthened my ability to navigate ambiguity and ramp quickly in new settings or projects.

SKILLS

Git, GitHub, HTML, CSS, JavaScript, React, Node, Express, Mocha, MongoDB, Heroku, PostgreSQL, SQL, REST, API, Python, SQL, Django, Lean Six Sigma

PROJECTS

PeeP - **peeep.netlify.app**
· Full Stack, browser-based application; built utilizing Javascript, CSS, HTML, React, Python, Django, and PostgreSQL.

Tooly - **toooly.netlify.app**
· Full Stack, browser-based application; built utilizing React, MongoDB, Express, Node, HTML, CSS, and JavaScript.

Tower of Hanoi - **mbrockus.github.io/Tower-of-Hanoi**
· Browser-based game built utilizing HTML, CSS, and JavaScript.

EXPERIENCE

Software Engineering Fellow   Nov 2021 – Feb 2022
General Assembly
12-week, 500+ hour training program focused in Git/Github, HTML, CSS, JavaScript, React Node, MongoDB, Express, SQL, Python, Django etc.

CI Engineer   May 2019 – Feb 2022
Refresco Beverages, Lakeland, FL
· Managed capital projects totaling over $750,000 from initial scope to plant ownership handoff
· Spearheaded 5 multiple day Kaizen Events, which resulted in 12% DL reduction, and over $2,000,000 in increased EBITDA
· Leadership of daily line focus meetings identifying production bottlenecks, develops and executes action plans to resolve issues based on KPI's
· Champion of all QC inspection systems, including vision, x-ray, and acoustic based systems
· Lead the development of a visual production management system, and gemba walk training, both of which are used daily from team leads, to management
· Point person for Lean technology mentoring and problem solving across the plant, including leadership and management

EDUCATION AND CERTIFICATIONS

Coding Bootcamp - Software Engineering   Nov 2021 - Feb 2022 (Expected)
General Assembly

Lean Six Sigma Green Belt   Sep 2020 - Oct 2020
University of South Florida, Tampa, FL

Bachelor of Science (B.S.) - Mechanical Engineering   Aug 2016 - Aug 2020
University of South Florida, Tampa, FL