

# Mar Mustafa

Software Engineer

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www.marmustafa.com 

Software Engineer adept at working with customers, team members and project leaders to accomplish software engineering tasks according to timelines. Solid understanding of full development lifecycle. Skilled working with wide range of front- and back-end technologies to produce and evaluate code.

## EXPERIENCE

**Supply Chain Engineer** 06/2019-07/2020

*PepsiCo, Binghamton, New York*

- Developed and lead a team of 27 employees to meet consumer needs while focusing on quality, EHS quality, productivity, and waste optimization.
- Lead monthly projects within the packaging department focused on waste reduction, Environmental health and safety, equipment efficiency, and process development.
- Utilized real-time tracking software and modeling tools to analyze and optimize department performance.
- Analyzed issues with supplier contributions to detect defect trends, reporting findings to appropriate personnel.
- Led commodity-related quality control issues, correcting functional issues stemming from problematic components.

**Operations Intern** 06/2018-08/2018

*PepsiCo, Casa Grande, AZ*

- Reduced cost associated with chemical use through implementation of Chemical Optimization program focused around the site's Membrane Bio-reactor.
- Implemented a new plant wide program focused on preventative maintenance.
- Developed and supervised the recurrent tasks of a new maintenance team member.
- Collaborated with outside contractors to implement a systematic lubrication system that aims to reduce downtime.

**Front End Developer Intern** 05/2017-08/2017

*SodaClick, London, UK*

- Worked in Agile-driven environment to effectively maintain project timelines and utilize available resources.
- Actively participated in group meetings focused on designing a user-friendly online platform.
- Created graphic designs using programs such as Adobe Photoshop and Paint Tool Sai.
- Used analytical and observational skills to detect and debug minor glitches on the design tool and website.
- Generated and implemented ideas to innovate and upgrade the design tool on the desktop and mobile applications.

## SKILLS

HTML, CSS, JavaScript, Bootstrap, Ant Design, Semantic, Ruby on Rails, React JS, Technical Analysis, Virtualization, API Design, MS Office, Project Organization, Node JS, Express.

## EDUCATION

**Software Engineering Immersive Program** 07/2020 – 11/2020

*Flatiron School- New York, NY*

**Bachelor of Science: Chemical Engineering** 08/2015 – 05/2019

*University of Arizona- Tucson, AZ*

Frederick J. Cox Memorial Scholarship for Entrepreneurial Excellence.

President of Solar Cats solar energy campus organization.

**McGuire Entrepreneurial Development Program** 08/2018 – 05/2019

*University of Arizona- Tucson, AZ*

## CERTIFICATIONS

*Lean Six Sigma Certified Kaizen Leader*

*AICHE International Liaison*