

# EFOSA OGIESOBA

## FULL STACK DEVELOPER

## SUMMARY

I'm Full Stack Engineer/Developer with a background in Mechanical Engineering. I graduated from the Department of Mechanical Engineering at Purdue University, West Lafayette in the fall of 2013. I'm currently seeking new opportunities in web development while completing Northwestern Coding Certification. Will have acquired & increased proficiency in the following skills - **HTML5, CSS3, JavaScript, jQuery, Bootstrap, Express.js, React.js, Node.js, Database Theory, MongoDB, MySQL, Command Line, Git, and Python**. I am also proficient in industrial & conceptual designs; my experience ranges from CAD designs, Product designs, Pipeline Designs, to Automotive designs. I truly have a passion for taking on fun, exciting, and challenging new projects.

## CONTACT

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📍 Chicago, IL

## EDUCATION

Northwestern University  
Certification Coding 2018

Graduate of Accelerated Coding Certification Program. Acquired programming skills needed for frontend and backend development.

Purdue University  
B.S. Mechanical Engineering 2013

## SKILLS

HTML5, CSS3, Javascript, jQuery, AJAX, Bootstrap, Matter.js, Anime.js, Node.js, Express.js, Sequelize, MySQL, Git, SolidWorks, AutoCAD, SketchUp, Adobe Illustrator, Adobe Photoshop, MS Office Suite, SAP

## PROJECTS

Cannon-Man  
Feb 2018 to Feb 2018

Cannon Man is a fun and exciting 2 player shooting game inspired by the classic Flash game Bowman. The object of the game is to be the first one to shoot down your opponents cannon and you win. This game was built as a school project to further increase experience with jQuery, bootstrap, Matter.js, Firebase, and Jasmine.

## AWARDS

Purdue University - Department of Mechanical Engineering -  
Toy A-Fair Most Marketing Potential Award for Toy Design Course  
Dec 2012

- Created conceptual and detailed designs.
- Designed CAD model parts of toy using Pro|Engineer.
- Assembled toy using 3D printer and machine tools.
- Presented finished toy product to professors and company officials.

## VOLUNTEERING

Compassion International - Child Sponsor  
Jun 2015 to Jun 2016

I enjoy sponsoring the children at Compassion through exchange of letters and pictures. The children at compassion have giving me a deeper appreciation towards life. It has also helped me to bridge the gap between different cultures.

## EMPLOYMENT

Applied Acoustics International® (AAI™)  
Greater Chicago Area

Reliability Engineer · Mar 2016 to Oct 2017

- Developed new CMMS website for users using Google Sites, and Google Sheets and Database.
- Designed Air Knife Blower System to replace compressed air drying system for production line.
- Designed 5000gal Stainless Steel Water Recirculation Tank.
- Designed Surface Winder Machine used to wrap up product during production process.
- Designed concept and detailed CAD models/drawings for capital projects using SketchUp.
- Supervised contractors & mechanics during installation of capital design projects.
- Supervised contractors during scheduled facility outages.
- Worked with outside vendors/suppliers to acquire critical parts and materials for plant processes.
- Managed Lubrication Program for all equipment in facility.
- Updated general Facility PFD (Process Flow Diagram) drawings using AutoCAD-LT 2017.
- Performed routine Purchase Orders and JIT orders, using SAP.
- Updated & Created AutoCAD drawings in RFQ process to meet design constraints & specifications.

Eco-Services Operations, LLC  
Greater Chicago Area

Reliability Engineer · Mar 2014 to Jan 2016, Mar 2014 to Jan 2016

- Created Root Cause Failure Analysis (RCFA) Reports.
- Designed concept and detailed CAD models/drawings for capital projects using SketchUp.
- Supervised contractors, mechanics, and electricians during installation of capital design projects.
- Supervised contractors during scheduled plant outages.
- Worked with outside vendors/suppliers to acquire critical parts and materials for plant processes.
- Managed Lubrication Program for all plant equipment.
- Performed routine Purchase Orders using SAP.
- Updated Standard Operating Procedures and P&IDs.
- Maintained/Updated plant wide equipment records to meet equipment strategy best practices.

Shapeways

Greater Chicago Area

Freelance CAD Designer · Oct 2014 to Dec 2015

- Designed 3D printable pendants on shapeways.com; where I have a pendant shop called Yureka9.
- Created concept and detailed sketches of my designs; then modeled each design using SolidWorks.
- Sold finished jewelry pieces to the public; all designs/models are copyrighted through shapeways.com.

Purdue University  
Lafayette, Indiana

Senior ResNet Computer Consultant · Jan 2011 to Dec 2013, Jan 2011 to Dec 2013

- Solve computer issues for students of different level of computer knowledge.
- Managed a network of over 4000 student computers.

Purdue Unveristy  
Lafayette, Indiana

Summer Undergraduate Researcher · May 2012 to Aug 2012, May 2012 to Aug 2012

- Developed an open source tool on nanoHUB.org using VBA programming.
- Tool simulates a micro-scale thin film under stress.
- Presented research poster to the community at a research symposium.