

STEVEN MATTHEW BAUTISTA

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| OBJECTIVE | To change career paths and obtain a junior full stack developer job |
| SKILLS & ABILITIES | CAD Software: <i>AUTOCAD/ Autodesk Inventor/ ABAQUS/ SOLIDWORKS/TEKLA</i> Programming: <i>C++/ Python/ MATLAB/HTML/CSS/JavaScript/SQL</i> Frameworks: <i>React.js/Next.js/Bootstrap</i> |
| EDUCATION | BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING MINOR IN MATHEMATICS <i>TEXAS A&M UNIVERSITY COLLEGE STATION (2013-2018)</i> <i>OVERALL GPA: 3.288</i> |
| WORK EXPERIENCE | Keppel Amfels – Production Engineer (Shipbuilding Industry) 9/1/2018 – 2/22/2020 <ul style="list-style-type: none"> Controlled Operation of a Steel Pro 900 Profile Cutter Robot/ Created schedules/led team of 5 workers for various responsibilities Created 2D/3D AutoCAD drawings to facilitate production responsibilities Created Key Performance Indicator (KPI) reports for production Procured quotes and organized Keppel's 2020 Capital Expenditure (Capex) report Supervised offsite construction on ship block structures Keppel Amfels- Naval Architect 2/22/2020 – 9/1/2020 <ul style="list-style-type: none"> Calculated forces, second moment of area, and center of gravities for ship components. Took Sounding/pendulum/draft readings and ballast tanks to needed levels. Created drawings on AutoCAD for critical lifts, mooring, and layouts Took measurements and weights on the field to make adjustments in drawings Updated documentation for procedures to ensure information is up-to-date Reviewed various ship drawings in relation to the regulations Sansino Inc.- Business Development/ Marketing Associate 9/1/2020 – 1/19/2022 <ul style="list-style-type: none"> Traveled to Taipei, Taiwan and joined an American startup business focusing on helping foreign companies with business development and marketing towards the US. Met up with potential clients and presented plans on how to approach marketing to the US Used web scraping to collect data and find potential leads for our client with python Networking at conventions/meetups and communicated with leads Created marketing reports for clients and managed Google ads campaigns Utilizing Photoshop to create marketing material Using word press to edit websites and link to google analytics |

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| PROJECTS | <p>College Senior Design Project: Rocket design</p> <ul style="list-style-type: none"> Utilized Python programming on a raspberry pi 3 Microcontroller (LINUX) and Inertial Measurement Unit to create a feedback roll control system on the rocket Set up wiring for altimeters to deploy parachute on flight decent Modeled parts of the rocket on Solid works to model stress Used servo motors to adjust the canards of the rocket to prevent any rolling <p>College Project: Structural Design Optimization</p> <ul style="list-style-type: none"> Designed and parameterized the empennage of a plane on ABAQUS (FEA software) Created and used a genetic algorithm on python to optimized the empennage of a plane to minimize weight and stress without buckling Used factor effect charts and a pareto frontier to get a design close to optimum and used it as the starting place for the genetic algorithm |
| COURSES | <p>Google Data Analytics Professional Certificate (Coursera)</p> <ul style="list-style-type: none"> Learned about the role of a data analyst and to expect Thought process for asking questions about data and the importance of data integrity How to write SQL queries for use on databases Used Excel and SQL to clean datasets R programming basics for data analysis Tableau to visualize data <p>The Complete Web Developer in 2022: Zero to Mastery (Udemy)</p> <ul style="list-style-type: none"> Learned about the basics to HTML and CSS formatting Javascript basics and DOM on the web browser Using git to communicate with GitHub React.js for frontend, created a website with a user login that takes an image URL and uses face detection from the Clarafai API to put a square around a face. Node.js, Express.js for backend manipulation Knex for SQL manipulation on the Postgres database Bcrypt on node.js for hashing passwords Used Heroku to deploy website and PostgreSQL Database Learned how to use Redux to manage state for a class component <p>The Complete Junior to Senior Web Developer Roadmap 2022(Udemy)</p> <ul style="list-style-type: none"> Learned about code splitting and other optimization methods for a website Includes an overview of security for web development Learned the basics of Typescript Utilizing Unit tests with jest Use of docker and docker compose to create containers Using a Redis database Handling sessions and JWT tokens for authentication and authorization Using AWS Lambda to run a function Learn about CI/CD <p>Google Ads Search Certificate</p> <ul style="list-style-type: none"> Taught how to use google ads to create marketing campaigns for websites Became familiar with the marketing terminology and concepts Learned the marketing metrics and how to account for them when designing an ad and managing an ad campaign |