

DEREK BARKER
FULL-STACK DEVELOPER

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Full-Stack Developer with a passion for development and Information Security

Technology Skills

Security: IDS/IPS: snort, SIEM: CDM (Continuous Diagnostics and Mitigation), penetration testing, vulnerability-scanning, enumeration, packet sniffing

Systems: Windows/Unix/Linux environments with emphasis on Kali Linux, worked with virtual machines and physical server environments

Languages: HTML5, CSS, Javascript, C++, Python, Ruby, Bash

Databases: MySQL, NoSQL, PostgreSQL, MongoDB, OracleDB 11g, Mongo Atlas

Frameworks: Bootstrap, Materialize, React.js, Angular.js, Node.js, Express, Ruby on Rails

Other: Netlify, Github, Heroku, AJAX, Angular, JQuery, Mongoose

Projects

Where's Rick & Morty: Created this app using AJAX, HTML5, CSS, JS and JQuery to perform API calls to the remote database to return some character information.

Live at <https://www.Hiaximize.github.io>

Robo Caller: Created app using HTML5, CSS, JS, JQuery, Express, Node, MongoDB Atlas, Heroku. Prank your friends with a robot call. You must have an account with the API provider.

Live at pacific-sierra-35099.herokuapp.com

My Tiny Home: Created this single page app with a 3 person team using Express, Node.js, Angular, Mongoose and MongoDB Atlas so that individuals can come to the market place to buy and sell tiny home blueprints

Live at my-tiny-home.herokuapp.com

Experience

General Assembly, Remote Cohort

06/2019 to 09/2019

Software Engineering Immersive Bootcamp Fellow

- Participated in group labs where we would apply the knowledge, we learned that day to build projects
- Planned, designed, built and presented a final project after each unit demonstrating our proficiencies with the topics covered
- Participated in 2 group projects where we built a full stack cloud deployed application
- Worked with a variety of technologies to build full stack applications and deploy them to the cloud

FDM Group, Reston, VA

07/2018 to 02/2019

US Military Recruitment Consultant

- Sourced candidates through a variety of channels including LinkedIn, Monster, Indeed as well as databases provided to FDM Group
- Conducted phone interviews and scheduled in-person and virtual meetings to be conducted by others
- Participated in local and regional networking events as well as career fairs
- Used an Applicant Tracking System to keep candidates warm and secured offer acceptances for Veterans Program
- Completed required reporting on weekly, monthly and quarterly basis as required

Delar Innovations, LLC, Ocala, FL

07/2017 to 02/2019

CEO / CTO

- Oversaw product conception from clay molds to production of a working prototype
- Worked with engineers to design and develop working prototype for Quick Scrub
- Worked with manufacturers to secure pricing for production
- Marketed the product using social media and crowd funding platforms

Auto Customs (Now RealTruck.com) , Ocala, FL

05/2015 to 09/2017

KPI Coordinator

- Configured and formatted excel and google sheets by creating formulas in order to analyze data to improve sales and productivity
- Retrieved data from ERP (Enterprise Resource Program) Software, CRM (Customer Relationship Management) and back end e-commerce platforms to create KPI reports for Call Center on a daily, weekly and monthly basis per property and website for management
- Created complex data directories for file and report generation and retrieval purposes
- Performed data maintenance to ensure data validity and reliability
- Reviewed data discrepancies in reports and advised supervisor of issues related to database
- Interacted with departmental and interdepartmental staff for improvement or enhancement of job processes to ensure standards in data delivery, reporting, collection, and retrieval