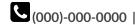
James Byrnes

Software Developer - NodeJS / ReactJS Developer

https://noobular.github.io/



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Skills

Programming Languages

- JavaScript
- **JQuery**
- Python
- PHP
- Lua
- Visual Basic
- C++
- C#

Frameworks / Libraries

- Node.js
- React
- Flectron
- MongoDB
- **MaterializeCSS**
- Bootstrap 3 & 4

Tools & Platforms

- Heroku
- **WAMP**
- Github/Git

Design & Extras

- Photoshop
- Illustrator
- **GIMP**
- Agile
- **Version Control**

Interests

Woodworking, Blacksmithing, electronics, robotics, bowling, longboarding

Project Experience

Web Portfolio / HTML5, CSS3, ReactJS, Bootstrap4

- Created to learn ReactJS from scratch and improve my web development
- Implemented
 - Bootstrap 4's grid system to allow for an organized view of all projects
 - ReactJS to allow for a more efficient development workflow and runtime
 - Project Search based on language from Component States / User Input

FleaMarket.TF Web Application / WAMP stack, MySQL, PHP, Bootstrap 3

- Site created to make the trade of virtual items between different users easier.
- → Implemented
 - OpenID Login (One button login, Through Steam)
 - Search based on a specific item with various attributes (Buy or Sell Offers)
 - Premium Membership, No Ads + No Trade limits

Car Temperature Alarm / C++

- Car Temperature Alarm created with an Arduino Circuit Playground, during a 6 hour Hackathon, based on the temperature inside a vehicle, send power to the air conditioner/lower windows to protect against heatstroke of animals or children.
- Implemented
 - User set max temperature before alarming
 - Variable Alarm system, Based on temperature the windows would lower/air conditioner speed would raise, the higher temperature inside the vehicle.
 - Sound, Vibration Alarm, Future ideas where it could be linked to an app on your phone.

GWMobile Bot / Electron, Node.js, HTML5, CSS3, MaterializeCSS

- Created a fully automated game player using Fetch request and UI with Electron
- Implemented
 - HTTP Request system to allow you to use items, or do missions automatically
 - Logic behind automating the missions (Heal > Energy > Mission)
 - Electron to allow for MaterializeCSS to be used UI/UX

Certifications

Microsoft / MTA: Introduction to Programming Using JavaScript

Microsoft / MTA: Introduction to Programming Using Python

Awards

General Electric (GEDEX) / Hackathon

1 Village Center Dr, Wayne, MI 48184

Received first place award, for the development of an Arduino based device that checks the temperature inside of a vehicle, and changes the air conditioner / window height, to protect against animal/child deaths from heatstroke

Education

William D. Ford Technical Center / Game Design and Programming (2 Years)

36455 Marquette St, Westland, MI 48185

→ Two years of Game Design and Programming education, working with different tools and platforms, with an emphasis on working with a team, and becoming a team leader.