

# James Byrnes

Software Developer - NodeJS / ReactJS Developer

<https://noobular.github.io/>



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Noobularr |



JamesEByrnes

## Skills

### Programming Languages

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

### Frameworks / Libraries

- Node.js
- React
- Electron
- 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.