

# Ryan Floyd

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## SKILLS

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<b>Proficient:</b>	JavaScript	React	Node.js	MongoDB	Git	Express	HTML	CSS
<b>Familiar:</b>	Python	Redux	Docker	Heroku	CI/CD	Linux		

## EXPERIENCE

### Web Developer

Links: [Website](#)

**Terpsolutions.com, Remote**

January 2019 – February 2020

- Designed, built, and deployed e-commerce website for a start-up business client based on client requirements
- Developed using Agile values and weekly “check-ins” to ensure development was meeting client’s expectations
- Implemented modern SEO techniques including dynamic caching, GZIP compression, and JS/CSS minification

### Multi-Functional Financial Analyst

Active Security Clearance: **Secret**

**Lockheed Martin, Liverpool, NY**

November 2018 – December 2019

- Designed and implemented monthly EV review with Control Account Managers, a new process improvement aimed at increasing EVM accuracy while providing detailed team review resulting in 100% timely EV submittal
- eWAD database administrator for Syracuse, responsible for project creation, user management, and access control

### Information Systems Intern

**Binghamton University Telecommunications Department, Binghamton, NY**

January 2018 – May 2018

- Tasked with creating a new solution to replace the Telecommunications Department’s fiber information system
- Built a new relational database management system (RDBMS) from scratch using MySQL to better store and manage the fiber system with visual integration with the school’s geographical information system (GIS) ArcGIS

## PROJECTS

### Bagholder Bets

Links: [Website](#) | [Code](#)

**React / Redux / MongoDB / Node.js / Express**

- MERN-Stack pseudo stock trading application allowing users to buy/sell stocks, analyze metrics, and read stock news
- App features a client-server design with a mobile-first, responsive front end built using React and styled with React-Bootstrap, an Express backend to execute MongoDB CRUD operations, and Redux for state management
- User login and signup authorization with JSON web token (JWT) for private route protection and access control
- Configured automatic continuous integration/ deployment (CI/CD) to Heroku from Github with git for version control

### Raspberry Pi Flask Media Server

Links: [Code](#)

**Python / Docker / Flask / Raspberry Pi**

- Python Flask media server run inside a Docker container on a Raspberry Pi which includes a web interface for uploading, storing, and viewing pictures and videos from any device on my local network

### 127.0.0.1 Sweet 127.0.0.1

Links: [Website](#) | [Code](#)

**React / Express / RESTful API / Google Maps / Travis-CI**

- Tastefully simple application for checking the domain or IP address of any website using 3<sup>rd</sup> party APIs
- RESTful API backend which responds to GET and POST requests with a JSON response
- Testing and continuous integration with Travis-CI and automatic deployment to Heroku from Github

## EDUCATION

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Binghamton University, State University of New York, School of Management

**Masters of Business Administration (MBA), Concentration in Management Information Systems, GPA: 3.79/4.00**

**Bachelor of Science in Accounting, Magna Cum Laude, GPA: 3.74/4.00**

**Interests:** EDM festivals, DJing, building computers, weightlifting, hiking, boating, waterskiing