

# Daniel Starner

www.danstarner.me

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## Experience

### **Bloomberg, LP** | Software Engineer Intern | June - Aug 2017

- Designed, developed, and implemented analytics collection and metric aggregation on the usage of charts and maps in the Bloomberg terminal, allowing Bloomberg Television, managers, and users to track their popularity and usage.
- Built a Comdb2-to-Python ORM that abstracts SQL for developers to more easily and more quickly develop their applications in an Object-Oriented way.
- Designed, developed, and built a reusable and generic *Like* button that can be placed on any content to aggregate data on popularity and quality.

### **Stark & Wayne, LLC** | Cloud Engineer | Jan 2016 – Jan 2017

- Built an Audit Management Cloud Service for GE to record all database transactions in their Predix Cloud Network to provide SOX Compliance and easier record-keeping.
- Redesigned and built a HA Distributed Postgres Database Service (RDPG) for Cloud Foundry and integrated many key features into it allowing easy setup for a distributed Postgres service, including an automated backup of the system

### **InteractiveX, LLC** | Lead Developer | June – Sept 2016

- Designed and developed a scalable and reliable Learning Management System that will be integrated into university courses, featuring a full textbook creator/editor, online quizzing/testing, and a messaging system.

## Projects

### **Tabletop Arcade** | Creator | March 2016 @ BrickHack RIT

- Created a shuffleboard table integrated with an Xbox Kinect to translate puck movement into vectors, creating an arcade machine with an array of games to play such as bowling, Skee-ball, and shooter-type games.

### **LinkSat Satellite** | Payload Programmer | July 2016 – December 2016

- Programmed and designed circuitry for a high altitude balloon mission to record radio frequency noise and strength at 26,000 feet to help understand and research the levels in preparation to accurately plan and build for a Nanosatellite mission.

### **memeharmony** | Founder/Developer | December 2016 – Present

- Designed and built a scalable meeting/dating site similar to Tindr but completely based around memes. Users build profiles by bookmarking memes to their profiles which other users can 'like' and potentially match with them. The platform currently is in beta with 50,000 memes and ~100 users.

## Skill Areas

### Languages

#### Preferred

Python | Javascript | Java

#### Familiar

C++ | C | Golang | Javascript | C#  
Bash | MIPS Assembly | VHDL

### Web Development

Django | Flask | Spring  
HTML5 | CSS3 | Javascript  
JQuery | Bootstrap

### Cloud Services & Releases

Bosh | Cloud Foundry | Docker  
Heroku | Amazon AWS

### Databases

MySQL | PostgreSQL | Mongo DB  
Comdb2

## Education

### **SUNY University of Buffalo**

*BS in Computer Science*

*Expected May 2019*      *3.8 GPA*

- Vice Pres. of UB ACM chapter
- CS Undergrad Teaching Assistant for Intro to CS class