

# Shane Exterkamp

Software Engineer

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## SKILLS

*Python, Java, Django, Flask, AWS, RESTful API's, Maven, Ansible, Git, Javascript, HTML/CSS, Bootstrap, MDL, Docker, SQL & NoSQL, Unity, C#, Photoshop*

## EXPERIENCE

### **Software Engineer, Nielsen**

**July 2016 - Present**

Part of Emerging Technologists Program, a 2 year rotation based technology and leadership development program focusing on technical depth.

- Designed and developed RESTful microservice docker swarms in AWS to safely transport sensitive data between systems, into, and out of the cloud.
- Developed frontend in Javascript and Material Design Lite for internal open source community hub.
- Modernized UI and planned UX for Flask application targeting senior leadership.
- Saved \$10k/month in cloud costs with Python and Ansible automation and monitoring tools.
- Deployed production Java applications using proprietary frameworks.

### **Emerging Leaders Intern, Nielsen**

**June 2015 - Aug 2015**

10 week internship in Research & Development division.

- Developed Android app to manage users and communicate with proprietary hardware over Bluetooth.
- Participated in TDD and git best practices initiatives in division.
- Presented to division CTO, SVP and leadership team on application, its potential next steps, feasibility, cost projections, and regulatory considerations.

### **Technology Shop L2 Support, University of Florida**

**May 2014 - Apr 2016**

Student employee in UF's technical support shop.

- Supported staff and students with technical issues, managed 500+ computers in 10+ labs throughout the UF campus.
- Reduced management hours of inventory with automated alerting system.
- Introduced just in time delivery to inventory management.

## EDUCATION

### **University of Florida, Bachelors of Science in Computer Science**

**2012-2016**

with Honors from the College of Engineering with a Minor in Sales Engineering

## PERSONAL PROJECTS

### **exterkamp.codes**

**2018**

My little personal space on the internet.

### **UF IPPD Senior Project with Infotech**

**2015-2016**

Senior Capstone project with UF's IPPD program. Worked with Gainesville company to make a cloud based analytics dashboard for their AWS infrastructure.

### **UF Hackathons**

**2015, 2016**

Participated in multiple Hackathons at UF.

### **FIRST Robotics**

**2011-2012**

Captain and lead of software development on high school FIRST robotics team.