

# Olajide E. Ogun

|Email: olajideogun123@gmail.com

## Education

### **The Pennsylvania State University**

B.S in *Computer Science; Minor: Entrepreneurship*

Major GPA:3.5/4.0

**Intended Grad Date: May 2021**

## Skills

- Python, Java, Shell Scripting, C++,JQL, Hadoop, Docker, SQL, Spark/PySpark, MapReduce, React

## Work Experience

### **Twitter**

**June – Aug 2019**

Software Engineering Intern

San Francisco, CA

- Created pop-up login sheet on action event in order to reduce friction of login onto Twitter.com
- Ran A/B test on login features to determine whether reduced friction led to increased logins
- Queried GraphQL store for tweet data in order to display embedded tweets

### **Siemens PLM Software**

**Present**

Project Manager Intern

University Park, PA

- Use JQL queries to get detailed reports on different issues on current project
- Use Tableau to visually display data on JIRA Issues to improve workflow through analysis
- Created application to allow user to interact with JIRA directly from PowerShell and REST APIs

### **Honeywell Inc.**

**Sept – Dec 2018**

ML/Data Engineering Intern

Atlanta, GA

- Utilized image processing framework built on top of Hadoop to process and classify over 15,000 images with ML model
- Reverse engineered open source NL to SQL repo in order to map natural language text to custom expression language that queries Hadoop and SQL database
- Created PySpark scripts to generate analytics on timeseries data and write into Hive tables

### **Honeywell Inc.**

**May – Aug 2018**

Software Engineering Intern

Atlanta, GA

- Worked in agile team to automate build and release process for Android and IOS apps using custom built Docker containers and Jenkins Pipeline (CI/CD)
- Developed Android app that utilized Bluetooth Low Energy to connect home devices in order to cut cost of installation/maintenance of appliances to vendors/homeowners
- Created plugin to integrate Honeywell Avionics to hydraulic VR flight simulator in order to increase familiarity of cockpit systems and flight experience to reduce time/ money spent training

### **Engineering Research Initiative (CERI)**

**Jan - May 2018**

Research Intern, Research Undergraduate Experience (REU)

University Park, PA

- Studied device performance characterization using transistor parameters and electrical/radiation stress
- Performed capacitance-voltage characterization in addition to transistor IV- characterization

## Programming Experience

### **Google Hackathon**

**March 2018**

- Led team to design music social media app that utilized Spotify API
- Used Python and Django framework to build web sockets and channels to connect two users

### **Amazon Alexa Bootcamp**

**March 2018**

- Built Voice User Interface for Alexa to simulate Amazon Echo
- Tested Alexa dialogue script on Amazon Interactive Model

## Leadership and Involvement

### **PSU College of Engineering (Diversity and Inclusion Outreach)**

**June – Aug 2017**

Program Assistant, Pre-First Year Engineering and Science Program (PREF)

University Park, PA

- Planned and organized engineering projects for participants
- Mentored 30 underrepresented incoming freshmen to acclimate collegiate lifestyle
- Utilized facilitated lessons, intense study sessions to gauge growth of academic performance in engineering core classes over the course of 7 weeks

## Extracurricular

National Horatio Alger Honeywell Scholar

Present

TIME Magazine "Person of the Year"

2006

Society of Hispanic Engineers (Conference Director)

2017-18

National Society of Black Engineers (NSBE)

Present

Uber Advanced Technology Group Scholar

Present