

# Edward Sun

Software Engineer

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Portfolio: edwardsun007.github.io

U.S. Citizen

**Objective:** Seeking software engineer positions

- Proficient with **JavaScript, Python** and **Java**.
- Experience in full stack framework including **React, Node.js, MongoDB, Django, Flask**
- Professional experience with products including **embedded, reality capture and 3D simulation**

## TECHNICAL SKILLS:

**Proficient :** Java, Python, Node, React, CSS, HTML, Express, MongoDB

**Experienced :** JavaScript, RESTful API, jQuery, Django, Flask, Webpack, SQL

## WORK EXPERIENCE

Frontend Developer, **Leica Geosystems**, San Ramon, CA

*Oct 2016 – Jan 2019*

Responsible for development of the cloud based application.

### **Responsibilities:**

- Developed components with **React** for application that is used by vast amount of customers
- Skillful using modules and tools like **React-Router, Redux, Bootstrap, Webpack**
- Created internal tools for engineer team in **Python** which improved productivity by over 100%
- Deployment for production on **AWS**, worked on **Docker** container and **Kubernetes** cluster
- Implemented **RESTful** API to facilitate communication between client and server
- Feature and Sprint task management with **Jira**

Software Engineer, **Blackfire Research Corp**, San Francisco, CA

*Sep 2015 – Oct 2016*

Focus on development in Python

### **Responsibilities:**

- Built internal tools in **Python** that significantly improved efficiently and cut down engineer overhead
- Created **shell scripts** that handle repeating processes which greatly improved daily productivity
- Performed **network assessment** under severe network conditions such as weak signal strength
- Building and debugging **Android** application on a variety of devices
- Skillful use of **UNIX** commands and Shell Script to conduct test and logging procedures
- Periodically follow up with project manager and team lead with latest report

Intern , **Lakestic Network Security**, Sunnyvale, CA

*June 2014 – Jul 2014*

- Developed packet-parser program in **Python** to parse Wireshark captured pcap files
- Programming in **Java** with **Selenium WebDriver API** to check functionality on client's web application
- Conducted vulnerability assessments, firewall configurations and security implementations
- Setup and Configuring **virtual machines**, and continuously monitored their status

## PROJECTS

### DeveloperConnector:

- Full stack application for social networking between developers via social media
- Built with various modules and libraries including React-Router, Redux, JWT
- Built in React, Node, Express, MongoDB, Webpack
- Registered user can publish posts and make comments on other users' posts
- Integration with GitHub API

**GitHub:** <https://github.com/edwardsun007/DeveloperConnector>

**Deployment:** <https://devcon008.herokuapp.com/>

**Netdish Website:**

- Full stack application built in Angular 6, Express, Node, MongoDB( MEAN stack ), Bootstrap
- User can register either by email or login with Gmail to place orders
- Socket.io is used to gather information about total number of online users for analytic purpose
- Authentication with JWT
- Integrated with Google login API, Facebook API, Google Map API

**GitHub:** <https://github.com/edwardsun007/NetDish>

**MyBlog:**

- Full stack application for registered user to create blogs, image upload is supported
- Authentication with JWT, Route protection implemented
- Authenticated user has access to edit or remove their own posts

**GitHub:** <https://github.com/edwardsun007/myBlog>

**Other Technical Expertise:**

- **Dev Tools:** Postman, VS Code, AWS EC2, Google Cloud Platform
- **Web Services:** RESTful, OAuth
- **Defect Management Tool:** Jira, Bugzilla
- **Version Control System:** Mercurial, Git
- **Operating System:** Ubuntu 16.04 LTS / 14.04 LTS / 12.04 LTS, OSX 10.12, Windows 10 / 8 / 7

**EDUCATION**

Bachelor Degree in Accounting Information System, San Jose State University

May. 2013

**Certificate:**

Full Stack Development Certificate, Coding Dojo

2017