

JIANFENG (Edward) Sun

Frontend Engineer

San Jose, CA | 530-500-5486

Email: edwardsun6666@gmail.com

LinkedIn: edwardsuncareer

Portfolio: edwardsun007.github.io

U.S. Citizen

- Enthusiastic, dedicated and motivated software engineer with passion in full stack development
- Experience in full stack framework including **React, Angular, Node.js, MongoDB, Django, Flask**
- Efficient with **Javascript, Python** and **Java**.
- Experience with products including **3D simulation, embedded system, network security**.
- I am a faster learner and a good team player, currently seeking the next opportunity to work together with a group of passionate individuals for the organization and the community as well.

WORK EXPERIENCE

Freelance Web Developer (Current)

- Currently working as freelance web developer

Leica Geosystems HDS, San Ramon, CA

Oct 2016 – Jan 2019

Frontend Engineer

Responsible for development, automation, testing of the cloud based application.

Responsibilities:

- Developed reusable user interface components with **React** in **Javascript (ES6)**
- Skillful using modules and tools like **React-Router, Redux, Bootstrap, Webpack**
- Designed and created internal tools for engineer team in **Python**
- Application Deployment and monitor on **AWS**
- Implemented **RESTful** API to facilitate communication between client and server
- Worked with **3D CAD software and Laser Scanner product** developed by the firm
- Working closely with QA team on troubleshooting and debugging issues
- Feature and Sprint task management with **Jira**
- Version control with **Mercury**
- Web automation with **Selenium**
- Attend daily **SCRUM** to keep track of ongoing project status and issues.

Blackfire Research Corp, San Francisco, CA

Sep 2015 – Oct 2016

Software Development Engineer In Test

The project at Blackfire involved working with multi-cast system designed and developed by the firm

Responsibilities:

- Built internal tools in **Python** that significantly improved efficiently and cut down engineer overhead
- **Programming in Linux Shell** to assist with engineer tasks and daily work flow
- Performed **Stress Assessment** under severe network conditions such as weak signal strength
- Utilize **Wireshark** and related tools to conduct network diagnostic and bandwidth measurement
- 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
- Systematically debugging android mobile app under **Linux** environment

Lakestic Network Security, Sunnyvale, CA

June 2014 – Jul 2014

Intern

- Developed packet-parser program in **Python** to parse Wireshark captured pcap files

- Designed and developed Windows File System Monitoring program in **C#** using **.NET APIs**
- 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
- Quickly learn new techniques and apply them into ongoing projects, further developed analytical and technical skills by working on projects
- Obtained extensive experience in **Wireshark**, **Metasploit** Framework, **Kali Linux** and other security assessment tools

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

Technologies: React, Redux, Express, Node.js, MongoDB, Bootstrap, FontAwesome

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,

Technologies: Angular 6, Express, Node.js, MongoDB, Bootstrap, Socket.io

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

Technologies: Angular 6, Express, Node.js, MongoDB, Bootstrap, Socket.io

TECHNICAL EXPERTISE

- **Programming Language:** Python, Java, JavaScript(ES5,ES6), SQL
- **Web Frontend:** HTML5, CSS3, Angular 6, Typescript, JavaScript, jQuery, FontAwesome
- **Web Backend:** Node.js, Express.js, Django, Flask, Webpack
- **Dev Tools:** Postman, VS Code, AWS EC2, Google Cloud Platform
- **Database:** Oracle, MySQL, MongoDB, PostgreSQL
- **Operating System:** Ubuntu 16.04 LTS / 14.04 LTS / 12.04 LTS, OSX 10.12, Windows 10 / 8 / 7
- **Browsers:** Mozilla Firefox 55/54/50/38/37, Google Chrome 53/44/43
- **Web Services:** RESTful, OAuth
- **Defect Management Tool:** Jira, Bugzilla
- **Version Control System:** Mercurial, Git
- **IDE:** VS Code, Atom, PyCharm, Eclipse, Android Studio, Visual Studio, SQL Developer

EDUCATION

Bachelor Degree in Accounting Information System, San Jose State University

May. 2013

Certificate:

Full Stack Development Certificate, Coding Dojo

2017