EDWARD SUN

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Software developer with four years of working history across different industries with a particular passion for frontend development. I am skilled in **responsive web design**. I accomplished a full stack development program where I got certified and fine-tuned my skills in Python, Java and JavaScript, I have experience in building single page application. I am currently seeking the opportunity where I can help making a difference with passionate individuals for the organization as well as the community.

PROJECTS

E-Nation E-commerce Website:
- Created a web site used for selling computer components such as CPU, GPU, RAM etc.
- Designed using bottom-up approach starting from database, server, up to the view layer
- Implemented and created brand and category filters using AJAX with jQuery
Technologies: Python, Django, Session, Authentication, AJAX, jQuery, HTML5, CSS3, Bootstrap

WebCrawler App:
- Designed to help user extracting interested information from web pages.
- Developed using Python, and utilized Python built-in Regex library to define regular expressions
Technologies: Python, Regex, HTTPS

Team Collaboration App:
- Engineered as single page application, used noSQL database for backend to support front end API calls
- Analyzed core features and implemented the real-time updating of messages for all connected users in the same group,
- Built image uploading API using multer
Technologies: Angular, Node, Express, Socket.io, MongoDB, Mongoose, ES6, Authentication

WORK EXPERIENCE

Leica Geosystems HDS, San Ramon, CA   2016 – present
Frontend Developer
The project involves client side development of cloud application for the firm.
Responsibilities:
- Developed responsive web pages using HTML5, CSS3, jQuery, Bootstrap
- Built client side Web application using React
- Familiar with ES6, typescript
- Experience in working with 3D point cloud products
- Version control with Mercury
- Implement unit tests
- Involved in daily SCRUM meetings to keep track of ongoing project status and issues.

Blackfire Research Corp, San Francisco, CA   2015 – 2016
Software Engineer
The project at Blackfire involved working with multi-cast system designed and developed by the firm, **coding in Python and shell** for various tasks, **building** and **debugging android application** with **Eclipse**
Responsibilities:
- Design and implemented code in **Python**
- **Programming in shell** to assist with engineer tasks and daily work flow
- Building and running **Android** application with **Eclipse** IDE on actual devices

- Performed **Stress Assessment** under severe network conditions such as weak signal strength
- Use **Wireshark** and **iPerf** to conduct network diagnostic and bandwidth measurement
- Skillful use of **UNIX** commands and Shell Script to initiate test and logging procedure
- 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

TECHNICAL EXPERTISE

- **Programming Language**: Python, Java, C#, JavaScript, SQL
- **Web Frontend**: HTML5, CSS3, Angular 6, jQuery
- **Web Backend**: Node.js, Express.js, Django, Flask, MongoDB,
- **Database**: Oracle 11g, MS SQL Server 2008/2012, MySQL
- **Operating System**: Ubuntu 16.04 LTS / 14.04 LTS / 12.04 LTS, Mac OS 10.12, Windows 10 / 8 / 7
- **Browsers**: Mozilla Firefox 55/54/50/38/37, Google Chrome 53/44/43
- **Web Services**: SOAP, RESTful, OAuth
- **Defect Management Tool**: Jira, Bugzilla, HP QC
- **Version Control System**: Mercurial, Git
- **Building Tool**: Maven, Gradle
- **IDE**: Pycharm , Eclipse, VS Code, Android Studio, Visual Studio, SQL Developer

EDUCATION

Bachelor Degree in Accounting Information Systems, San Jose State University   May. 2013

Certificate:

Full Stack Development Certificate,   2017