

Python/ Developer Python/Developer Python/ Developer Oakland, CA Strong expertise agile methodology such as scrum, test-driven development, extreme programming and feature-driven development Proficient in software development life cycle within Three-Tier architecture development, testing and production Proficient in dynamic language: C++, Python Proficient in creating front-to-end application in python or C++ which include OpenCL, OpenCV, Pandas, NumPy, Scikit-learn, TensorFlow, MySQL and HTML Experienced in source control, version control, and code centralization Excellent communication skill, team work skill, independent and multitasking skill

Work Experience

Python/ Developer Computer Science Department of Missouri State University - Springfield, MO January 2018 to May 2018

The number of student is growing in computer science department of Missouri state university every semester, the department decides to have project to build an application for CS department to manage their students' status. The project "Person Identification System" was given by CS professors. The project is a video surveillance system worked on a network with multiple cameras, the core function of the system is to track and identify person in any camera view. My primary role is to implement the algorithm using deep learning neural network to recognized human body in video feed. Furthermore, we are using Trello as issue tracker and GitHub as version control tool.

Responsibilities:

- Designed structure of the whole system, included SRS (Software Requirements Specification) and HLD (High-level design) documents
- Responsible for develop and design the recognition algorithm and tracking algorithm by using OpenCV
- Debugged multiple programs and classes by using unit testing and functional testing
- Worked with different external tools such as JQuery, Flask, Imutils with other developers in order to complete testing and finalized the production
- Used Trello as Issue tracker, Git as source control tool, and GitHub as a centralized code repository

Environment: Python, HTML, GIT, GitHub, OpenCV, Windows 10

Student worker Computer Service of Missouri State University - Springfield, MO June 2011 to June 2014

Computer Service of Missouri State University has been severing thousands students every day. My primary role is to help computer service to assist students for different IT related problems.

Responsibilities:

- Answered technical questions for either professional or non-professional students or faculties such as Python, C++, SQL query,

Windows, wireless problems Environment: MS SQL Server 2008R2/2012, T-SQL, Windows 7
Education Bachelor in Computer Science Missouri State University August 2018 Skills PYTHON (3
years), C++ (3 years), SQL (3 years), DATA ANALYSIS (Less than 1 year), DATA MINING (Less
than 1 year), Flask (Less than 1 year), Javascript (1 year), C (3 years) Links
<https://github.com/liping001/Personal-identification.git> Additional Information Technical Skills
Python, C++, Java, SQL, JavaScript, C, XML, HTML, Data Mining, Machine learning, Data analysis,
Data Visualization, OpenCV, Scikit-learn, TensorFlow, OpenCL, GitHub, Trello, Excel, Word, Unix,
Windows XP/7/8/8.1/10

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