Yi Xu

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GitHub: https://github.com/nealight

QUALIFICATIONS & HONORS

- o   Dean's Honor List   **Since Fall 2018**

EDUCATION

University of Southern California   **Los Angeles, CA, US**
Pursuing B.S. Computer Science.   **Class of 2022**

Coursework (GPA: 3.9):
Programming in Python and C++; Data Structure Implementation and Analysis; Probability and Statistics; Discrete Mathematics; Single and Multi-Variable Calculus; Linear Algebra; Embedded System; Software Engineering (Web Development); Algorithm and Theory of Computation

- o   Previously attended University of California, Irvine before transferring to USC

RESEARCH EXPERIENCES

Research Assistant, University of California, Irvine, Writing Center
(Advisor: Percival Guevarra)   **Summer 2019**
- o   GitHub: https://github.com/nealight/yasee
- o   Using pandas, sklearn, matplotlib and various other python libraries to perform visualization as well as analysis on writing center consultation data, providing preliminary suggestions for research directions.

OTHER WORK EXPERIENCES

IELTS Tutor, New Concept English Institute at Suzhou, China   **Summer 2019**
- o   Preparing students for the IELTS (International English Language Testing System) exam, teaching academic English skills in speaking and reading

PERSONAL PROJECTS

- o   Server Ops: Setting up and maintaining small server (Ubuntu environment) with proxy functionality; Setting up Linux-based routers (Open-WRT environment) for traffic filtering and redirection
- o   A simple Tetris game written in Python with basic graphic interface, completed as a course project in UCI

SKILLS

Language Skills: Chinese and English
Programming Languages: Python and C++
Frontend: JavaScript, CSS, HTML;
Backend: MySQL, Java