Chengyu "Simon" Chu

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EDUCATION

Wilkes University — *GPA:* **3.88** / 4.00   *Anticipated Graduation Date*: **May 2020**

— Bachelor of Science in **Computer Science,** Minor in **Mathematics**

SKILLS *(IN ORDER OF PROFICIENCY)*

Languages: Mandarin English French Python Java C Swift MATLAB NetLogo C++ JavaScript Script

Web Development: Apache2 Nginx HTML & CSS Markdown PS Google Cloud Platform AWS

Data Science: Tableau OpenCV scikit-learn NumPy Pandas SVM ANNs

EXPERIENCE/PROJECTS   Wilkes-Barre, PA

AI Research Project, Math & CS Department, Wilkes University   **June 2017 – October 2017**

- Principally responsible for the training dataset to support SVM & animal-face-cropping Haar Cascade™
- Responsible for the classification and the visualization of the dataset using Tableau™
- Support Metadata for the dataset utilizing XMP standard and build Python APIs / Libraries for developers.
- Responsible for setting up OpenCV, scikit-learn, and other software that being used during training process
- Assist in the development and implementation process of the animal-face-cropping Haar Cascade™

System Manager, Math & CS Department, Wilkes University   **May 2017 - Present**

- Principally responsible for department network and computers, including PCs, Macs, Unix boxes and two computer labs. Provide course software support.
- Daily hardware maintenance and weekly software update / system upgrade
- Responsible for setting up machines for Wilkes campus and regional events

Teaching Assistant, Math & CS Department, Wilkes University   **Aug 2017 - Present**

- Lab Assistant for Computer Science I lab sessions
- Help students resolve lab machines' login / password reset / account permission issues
- Help students debug programs during lab sessions
- Write lab procedures and software instructions

LEADERSHIP   Wilkes-Barre, PA

Resident Assistant, Residence Life, Wilkes University   **Aug 2017 - Present**

- Serve as a leader and mentor for 11 residents by programming 20+ community and career development events.
- Responsible for the safety and residential need of 340 residents over the course of the entire academic year
- Participate and facilitate staff meetings, hall programs and campus events.
- On-Call responsibilities and crisis management

E-Mentor, Student Development, Wilkes University   **June 2017 – Present**

- Student Coordinator during Wilkes University First Year Student Orientations
- Facilitate and participate in programs host by Wilkes University Department of Student Development
- Answer questions from the mentees and their parents
- Responsible for the safety and residential need of students who stay overnight during orientation sessions

Secretary, Asian Culture Society, Wilkes University   **January 2016 – Present**

- Responsible for the e-mail communication with members of the club and promotion of the club on campus
- Facilitate and participate in cultural programs of the club
- Responsible for setting up club meetings and the selection process of the club personnel

Admission Office Student Ambassador, Office of Admissions, Wilkes University   **November 2016 – Aug 2017**

- Giving campus tours during Wilkes University Open House / VIP Day
- Answer questions from prospective / admitted students and their parents during Wilkes events
- Planning and preparing facilities for Admissions Office events