Weimeng **Pu**

✉ weimeng.pu@foxmail.com   ⌂ https://weimengpu.github.io/   🐙 weimengpu   in weimengpu

Education

Universita della Svizzera italiana   *Lugano, Ticino, Switzerland*

M.S. IN COMPUTER SCIENCE   *Sept 2018 - (Exp)Jun 2020*

(Expected Jun 2020) thesis: machine-learning based foveated rendering (advised by Piotr Didyk)

San Jose State University   *San Jose, California, United States*

B.S. IN COMPUTER SCIENCE, HONORS   *Aug 2014 - May 2018*

Experience

Software Solutions Consultant Intern

AVALOQ   *Sept 2019 - Dec 2019*

- Worked in Robotic Process Automation team
- Built a proof of concept for automating incoming security transfer instructions arrive via email

Robotics Algorithm Engineer Intern

SEGWAY ROBOTICS   *Jun 2018 - Sept 2018*

- Worked in Loomo Delivery team
- Researched on drivable area segmentation and lane markings detection that support vision-based localization on bikeways

Deep Learning Engineer Intern

TUPUTECH   *May 2017 - Aug 2017*

- Worked in Mobile AR team
- Optimized robustness of face detection algorithms by training on two unconstrained benchmark datasets (FDDB and WIDER FACE)
- Supported commercialization of existing algorithms
- Surveyed on state-of-the-art deep learning models for object detection

Lab Instructor and In-Class Teaching Assistant

CS 46A (INTRODUCTION TO PROGRAMMING) & CS 49J (PROGRAMMING IN JAVA)   *Jan 2017 - May 2018*

Honors & Awards

2018-2019   **First-year Scholarship**, Università della Svizzera italiana (top admitted student)

2016   **3rd Place**, American Statistical Association Undergraduate Statistics Class Project Competition

2016   **The Google Games Division II Bay Area Coding Winner**, Google

2014-2016   **Humanities Honors Program**, San Jose State University (top admitted student)

2012   **Outstanding Presentation Award**, Harvard AUSCR China Thinks Big Competition