

YU PAN

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OBJECTIVE

Looking for a summer internship position related to machine learning, computer vision or software engineering from the beginning of June to the end of August.

EDUCATION

SEP 2017 -
CURRENT | **Carnegie Mellon University**
Pittsburgh, United States
– One semester exchange to School of Computer Science

SEP 2015 -
CURRENT | **Jacobs University**
Bremen, Germany
– Bachelor in Computer Science (Graduation year: 2018)
– Current GPA: 1.80 on a 1.0 to 5.0 scale

SKILLS

Fluent in: C/C++, LaTeX, Python
Intermediate Knowledge: SML, Ocaml, Scala, Linux, Mathematica, R, OpenCV, OpenGL, Selenium
Basic Knowledge: SQL, HTML, Matlab, BeautifulSoup, Docker

WORK EXPERIENCE

SEP 2016 -
MAY 2017 | **Teaching Assistant**
Jacobs University, Bremen
– Fall 2016: General Computer Science
– Fall 2016: Mathematical Software Lab
– Spring 2017: Secure and Dependable System

JUN 2017 -
AUG 2017 | **Software Engineer Internship**
Preisenergie, Munich
– Build an automated web-application testing schema using Selenium
– Execute web scraping using Python with Selenium and BeautifulSoup
– Perform clustering analysis using R

PROJECTS

SEP 2017 -
CURRENT | **Co compiler**
– Co is a safe subset of C programming language
– Use Ocaml with the help of ocamllex and ocamllyacc to write a compiler for Co

MAR 2017 -
MAY 2017 | **Hand-written number recognition**
– Based on a large dataset with one thousand hand-written numbers from 0 to 9
– RBF (Radial basis function) and linear regression are used in this project
– Achiev a $2.98\% \pm 0.24\%$ misclassification rate

OCT 2016 -
NOV 2016 | **Raster Graphics**
– Use C++ to simulate glBufferData (a OpenGL function) from scratch
– Ray casting and anti-aliasing algorithms are used to plot a triangle mesh

LANGUAGES

CHINESE: Mother Tongue
ENGLISH: Bilingual Fluency
GERMAN: Basic Knowledge