

YUYI QU

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EDUCATION

University of Michigan, Ann arbor, MI
Bachelor of Science in Computer Science May 2020
GPA: 3.93/4.0
UM-SJTU Joint Institute, Shanghai, China
Bachelor of Science in Electrical and Computer Engineering Aug 2020
GPA: 3.68/4.0

PROJECT EXPERIENCE

Website Classifier Dec 2018 - Present

- Preprocess raw html files collected by Censys and extract features and label 100 websites manually.
- Implement a classifier to identify the types of the websites.
- Analyze the composition of the internet and how it changes at various time scales

Predictable Pattern of Firearms-Related Accidental Deaths in US Mar 2018 - May 2018

VE401 Probabilistic Methods in Engineering, course project

- Applied some statistical methods to model a predictable pattern for firearms-related accidental deaths in US

Auto-following Robot - Smart Shopping Cart May 2017 - Aug 2017

VG100 Introduction to Engineering, course project

- Built an auto-following robot to ease the shopping experience for the disabled
- Programmed on Raspberry Pi to realize auto-following through image comparison
- Used Arduino to control step motors

ACTIVITY

Girls-Encoded Oct 2018 - Present
UM-SJTU JI Volunteer Teaching Group Dec 2017 - Feb 2018
SJTU Students' Dancing Association Sept 2016 - Aug 2018

SKILLS

Language: Mandarin, English
Computer: C, C++, MATLAB, Linux, Microsoft Office software