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| **XXX XX**  Dept. of Automatic Control, School of Automation,  Beijing Institute of Technology, Beijing 100081, P. R. China  Tel: 86-1\*\*\*\*\*\*\*\*\*\* | E-mail: xxxxxx@126.com |
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**EDUCATIONAL BACKGROUND**

**Beijing Institute of Technology (BIT)** Beijing, China09/2014 – Present

* *Major in Automation*: Average Score: 87/100, Major Average Score: **91.2**/100
* *Main Courses* : Computer Technology & Program (95), Practice on Programming with C Language (100)

Probability & Mathematical Statistics (95), Data Structure & Algorithm Design (93),

Pattern Recognition (94), Fundamentals of Analog Electronic Technology (99)

* *Awards & Honors:* **2nd**Scholarship for Outstanding Academic Performance, BIT

*Most Outstanding student* of BIT

*Outstanding student leadership* award, BIT

2ndprize in “Internet plus” innovation and entrepreneurship contest

2nd prize in 7th International Humanoid Robotic Olympiad

**Hong Kong University of Science and Technology** Hong Kong, China09/2016 – 12/2016

* + *Exchange program. Major in Electronic Engineering*: GPA: **3.96**/4.30
* *Main Courses:* Control Principle (A+), Digital Circuits (97), Computer Organization (97)
* *Awards & Honors:*  Dean’s List Award

**REASEARCH EXPERIENCES**

**Social networking study of an engineering course with NLP and SNA methods** 07/2017 – 08/2017

*Undergraduate research, Advisor: Prof. Kevin Han, Dept of Civil Engineering, North Carolina State University.*

* Analyzed interaction patterns of groups and individuals in a class community using NLP and SNA methods
* Constructed graphic database with Neo4jto build data visualization and modeled individual’s interaction patterns
* Applied centrality measures in SNA to identify and investigate active individuals and cliques in the network

**PROJECTS EXPERIENCES**

**Face recognition & pixelization** 09/2017 – 12/2017

*Interned in National Laboratory of Pattern Recognition, Institute of Automation, Chinese Academy of Science*

* Developed a program to detect and pixelize human’s faces in a large video dataset using OpenCV
* Implemented an open-source library named libfacedetection to detect faces
* Improved the algorithm by extending the minimum detectable face size and enhanced its recognition rate to 95%

**Text-emotion-classifier** 04/2017– 06/2017

*Pattern Recognition Course Project, group leader*

* Developed a program with python to classify the speaker’s mood into 3 types: positive, negative and neutral
* improved TF-IDF algorithm for feature selection, increasing classfication erate by 25%.
* Applied naives Bayes classifier to classify, designed user interface, text preprocessing, feature selection & dimension reduction parts and constructed the main frame of the program

**Movement control of proportional valve-controlled hydraulic cylinder** 05/2017 – 06/2017

*Control Theory Course Project, group leader*

* Developed a program to monitor and control the system’s movement with various kinds of input signals
* Implemented PID controller to control and exhibited system’s real-time running track waveform to viewers
* Designed the main algorithm and user interface of the project using MFC (C++)

**Smart navigating car** 10/2016 – 11/2016

*Embedded System Course Project*

* Designed a navigating car that could automatically detect and avoid obstacles using STM32 micro-controller
* Implemented the [ultrasonic distance measurement](http://dict.cnki.net/dict_result.aspx?searchword=%e8%b6%85%e5%a3%b0%e6%b3%a2%e6%b5%8b%e8%b7%9d&tjType=sentence&style=&t=ultrasonic+distance+measurement) module and Bluetooth receiver to control movement of the car
* Applied PWM to control the orientation and speed of the smart car

**PROFESSIONAL SKILLS**

Programming and Software: C / MATLAB / C++ /VHDL/Python

Languages: TOEFL 101, GRE V163, Q170, AW 3.5

**EXTRACURRICULAR ACTIVITIES**

Vice President of Electronic and Engineering Student Union 06/2015 – 06/2016

Volunteer at Universiade (World University Games) 07/2011 – 08/2011