Dian Chen

Final Year (Ph.D candidate)
Machine Learning & Data Mining
at Institute of Computing Technology (ICT),
Chinese Academy of Sciences (UCAS)

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Links

Github:// **okcd00**
LinkedIn:// **okcd00**
CSDN Blog:// **okcd00**

Skills

MAJOR
NLU/NLP, Data Mining,
Information Retrieval/Extraction,

PROGRAMMING ENVS
PyCharm, VSCode, DevC++;
JupyterLab, SecureCRT, Git Bash;

LANGUAGES
Python, C/C++,

FRAMEWORK
Pytorch, Pytorch-Lightning,
Tensorflow 1.x,

OTHERS
Markdown, Diagrams, Tmux
CET-6, Mandarin-2A,

Coursework

Algorithm
Data Structures
Neural Networks
Machine Learning
Data Mining

Education

2016-2022
PH.D IN CS
Institute of Computing Technology,
Chinese Academy of Sciences (CAS)
Group: ML & Data Mining
Major: NLP & NLU

2012-2016
COLLEGE
ChongQing University, CS, IOT
GPA: 3.60/4.00 (Rank 2)

2009-2012
HIGH SCHOOL
High School Affiliated To Nanjing
Normal University
Score: 359/480 (1st-class line: 340)

Experience

2017-NOW **PaodingAI** **Reseaching Group & Algorithm Engineer**
Development and modelling of various projects in the supervisor's company while studying for a PhD.
AutoDoc : The project focused on extracting various types of information from financial documents, proofreading for correctness (faulty values and typos), and then giving advice on changes. ⇒ I designed the models, rules and knowledge bases for NER, RE and CSC tasks.
Foundry : A Natural language processing AI platform, through the whole process of annotation, training and prediction, integrated processing of text semantics. ⇒ I was involved in the design of the platform and designed solutions and sample code for several of the application scenarios. The platform can now be used flexibly for a variety of basic information extraction tasks.
Python, PyTorch, Tensorflow, Transformers, Requests, PostgreSQL, RipGrep
Projects: AutoDoc, Foundry, Glazer, P5 (more details in **linkedin** *)*

2015-2017 **Big Data Lab (BDL), Baidu** **Research & Data Intern**
Implement methods to automatically and incrementally crawl large amounts of data, both platform-based and stand-alone. Write algorithms and models for processing and mining valid information.
Python, PySpider, BeautifulSoup4, ProxyPool, Map-Reduce, Sklearn, Theano

Achievements/Awards

2016 **CCF Outstanding Student of the Year Award** **Top of the college**
Received the CCF Annual Outstanding Student Award and was invited to CNCC 2016 to receive the award.

2016 **CCF-CSP Certification** **Top 5% of all-time rankings**
CCF-CSP certification is a software professional competency certification program held by CCF for college students.

2015 **National Scholarship** **Top of the class**
Scholarships awarded by the Ministry of Education of the People's Republic of China.

2014-2016 **ACM-ICPC Awards** **1 Gold, 3 Silver and 2 Bronze medals**
1 Silver medal (Shanghai) and 2 Bronze Medals (Beijing, Anshan) in ACM-ICPC Asia Regional Competitions. 1 Gold medal (Chongqing) and 2 Silver medals (Sichuan) in ACM Provincial Competitions.

Side Project

2018-NOW **Simple web service construction** **Hexo, Github Pages**
OnlineJudge : Responsible for the programming assessment in the annual enrollment of my research group.

2017-NOW **Participation in open source projects** **Github Repos**
OnlineJudge : A script to help students get the courses they need automatically and quickly when the course selection system is recently launched.