



# 中南大学

## CENTRAL SOUTH UNIVERSITY

### 加权平均成绩证明

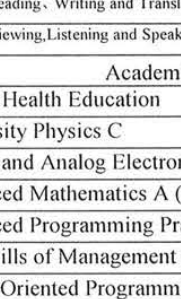
### Grade Point Average Certificate

姓名: 黄柏翔 Name: Baixiang Huang	学号: 1502150321 Student ID: 1502150321
学院: 计算机学院 College: School of Computer Science and Engineering	专业: 计算机科学与技术 Major: Computer Science and Technology
学制: 4 年 Years of Study: 4	入学日期: 2015 年 9 月 Enroll Date: September, 2015
总学分: 197.5 Overall Credit: 197.5	总加权平均成绩: 84.71/100 Overall Grade Point Average: 84.71/100
2015-2016 学年 Academic Year 2015-2016	
加权平均成绩 Grade Point Average	78.94/100
2016-2017 学年 Academic Year 2016-2017	
加权平均成绩 Grade Point Average	84.31/100
2017-2018 学年 Academic Year 2017-2018	
加权平均成绩 Grade Point Average	88.71/100
2018-2019 学年 Academic Year 2018-2019	
加权平均成绩 Grade Point Average	89.11/100



打印日期: 2019 年 6 月 25 日  
Print Date: June 25, 2019

地址: 中国湖南省长沙市麓山南路 932 号中南大学  
Address: Central South University, 932 South Lushan Road, Changsha, Hunan, P. R. China, 410083



## 中南大学本科学生成绩单

### Undergraduate Academic Transcript Of Central South University

Student ID: 1502150321 Name: HuangBaiXiang Gender: male Enroll Date: September, 2015  
College: School of computer Science and Engineering Major: Computer Science and Technology Years of Study: 4

Physical Education (II)	RC	1	89	Computer Simulation and Modeling	EC	1.5	81
Linear Algebra A	RC	2	72	Visualization Technology	EC	2	85
Writing	PE	2	88	Basic Theory of Marxism	RC	3	86
English Reading, Writing and Translating (II)	RC	2	81	Mao Zedong Thought and theoretical system of socialism with Chinese characteristics	RC	5	80
English Viewing,Listening and Speaking (II)	RC	2	92	Production Practice	RC	3	B
Academic Year 2016-2017 1 Term				Bioinformatics	EC	2	88
Java Language and System Design	EC	3	82	Introduction to Data Science Big Data	RC	2	88
Health Education	PE	2	98	Physical-Fitness Test (III)	RC	0.5	85
Electrical and Electronic Experiment	RC	1	B	Subject I Computer Control Technology	EC	1	93
Probability and Statistics A	RC	3.5	68	Subject II - The Development of Modern Computer Technology	EC	1	88
Elective Series of Advanced English	EC	2	96	Subject III - Information Processing and Fusion Technology	EC	1	86
Discrete Mathematics	RC	3	70	Academic Year 2018-2019 2 Term			
Cognition Practice	RC	2	B	Graduation Practice and Project	RC	16	A
Data Structure	RC	3.5	65	Skill Assessment	ES	3.0	P
Digital Electronic Technology A	RC	3.5	87	Academic Achievements	ES	4.0	P
Physical Education (III)	RC	1	84	Social Practice	ES	1.0	P
English Viewing,Listening and Speaking (III)	RC	2	96	*****Transcript Total*****			
Professional Introduction	RC	1	B	CET-4: 571	CET-6: 609		
Academic Year 2016-2017 2 Term				*****Credits*****			
Principle of Operating System	EC	3	84	Credits: Required Course : 131	Elective Course : 50.5		
Course Design of Electronic Technology	RC	2	B	Public Elective Course : 8	Extracurricular studies : 8		
Computer Network	RC	3	87	Remarks: Retest or retaken course results are marked with "**"			
Computer Principle and Assembly Language	RC	4	91	*****Blank Below*****			
Course Design of Computer Principle and Assembly	RC	2	A				
Artificial Intelligence	EC	2	90				
Database Principle	RC	3	78				
Algorithm Analysis and Design	EC	3	91				
Physical Education (IV)	RC	1	92				
Situation and Policy	RC	1	96				
Academic Year 2017-2018 1 Term							
Course Design of Java	RC	2	A				
RFID and Smart Card Techniques	EC	3	96				
Large Database Technology	EC	3	90				



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中南大学  
Undergraduate Academic Transcript Of Central South University

学号: 1502150321  
学院: 计算机学院

姓名: 黄柏翔  
专业: 计算机科学与技术 (大数据) 数据立方班级: 计算机(大数据)1501

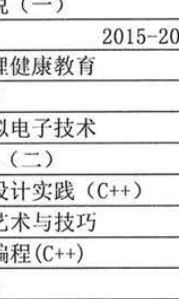
性别: 男  
学制: 四年

入学年月: 2015年09月

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Web: http://print.csu.edu.cn/valid.jsp

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## 中南大学本科学生成绩单

### Undergraduate Academic Transcript Of Central South University

学号: 1502150321 姓名: 黄柏翔 性别: 男 入学年月: 2015年09月  
学院: 计算机学院 专业: 计算机科学与技术 (大数据方向): 计算机(大数据)1501 学制: 四年

线性代数A	必修	2	72	可视化技术	选修	2	85
写作	任选	2	98	马克思主义基本原理	必修	3	86
英语读写译（二）	必修	2	81	毛泽东思想和中国特色社会主义理论体系概论	必修	5	80
英语视听说（二）	必修	2	92	生产实习	必修	3	良
2016-2017 学年 第1学期				生物信息学	选修	2	88
Java 语言与系统设计	选修	3	82	数据科学与大数据技术导论	必修	2	88
大学生健康教育	任选	2	98	体育课外测试（三）	必修	0.5	85
电子电子实验	必修	1	良	专题 I 计算机控制技术	选修	1	93
概率论与数理统计A	必修	3.5	68	专题 II-现代计算机技术发展	选修	1	88
高级英语系列选修	选修	2	96	专题III-信息处理与融合技术	选修	1	86
离散数学	必修	3	70	2018-2019 学年 第2学期			
认识实习	必修	2	良	毕业实习与设计	必修	16	优
数据结构	必修	3.5	65	技能考试	课外	3.0	通过
数字电子技术A	必修	3.5	87	论文成果	课外	4.0	通过
体育（二）	必修	1	84	社会实践	课外	1.0	通过
英语视听说（三）	必修	2	96	*****成绩单总计*****			
专业导论	必修	1	良	英语四级： 571	英语六级： 609		
2016-2017 学年 第2学期				*****成绩单总计*****			
操作系统原理	选修	3	84	获得学分：必修： 131	选修： 50.5		
电子技术课程实验	必修	2	良	任选： 8	课外： 8		
计算机网络	必修	3	87	备注：重修或补考成绩标识“*”号			
计算机原理与汇编	必修	4	91	*****以下空白*****			
计算机原理与汇编课程设计	必修	2	优				
人工智能	选修	2	90				
数据库原理	必修	3	78				
算法分析与设计	选修	3	91				
体育（四）	必修	1	92				
形势与政策	必修	1	96				
2017-2018 学年 第1学期							
Java课程设计	必修	2	优				
RFID与智能卡技术	选修	3	96				
大型数据库技术	选修	3	90				

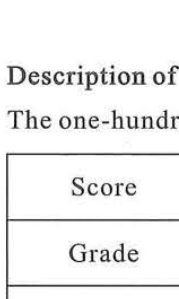


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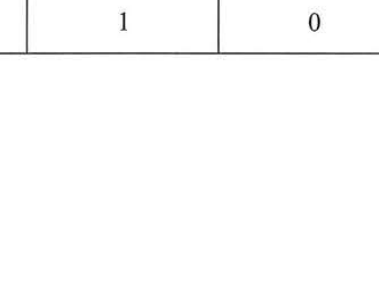
成绩管理专用章  
印日期：2019年09月25日  
(1)

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### Archives of Central South University



### BACHELOR'S DEGREE CERTIFICATE

This is to certify that Mr. HUANG BAIXIANG, native of Qinghai Province, China, born on August 30, 1996, having specialized in Computer Science and Technology of Central South University for Four years, has qualified for graduation. Upon the examination and in conformity with the articles of the Regulations Regarding Academic Degrees in the People's Republic of China, he has been awarded the Bachelor's degree of Engineering.

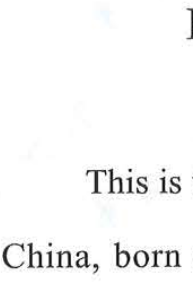
TIAN HONGQI  
President, Central South University

TIAN HONGQI  
Chairman, Degree Awarding Committee

NO.1053342019106298

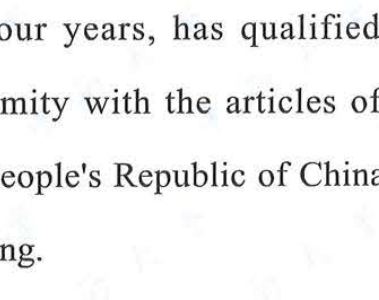
Date: 2019/06/30

Tel: 86-731-88876733 Fax: 86-731-88877174 E-mail: dag-csu@163.com http://dag.its.csu.edu.cn  
Yuelu Mountain, Changsha, Hunan, 410083, P.R.China



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### GRADUATION CERTIFICATE

Let it be known that Mr. HUANG BAIXIANG, native of Qinghai Province, China, born on August 30, 1996, having specialized in Computer Science and Technology of Central South University from September 01, 2015 to June 30, 2019 and having completed the Four years undergraduate program with qualified standing, is hereby awarded this Certificate of Graduation.

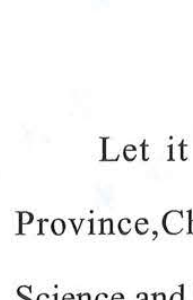
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President, Central South University

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Chairman, Degree Awarding Committee

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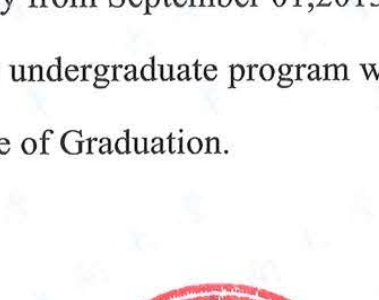
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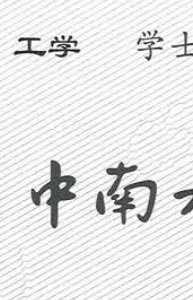
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