

彭毓崇

22 years old
/ ChangSha, HuNan

Name: PengYuchong

Birthday: 2000.10.31

Bachelor's degree

NativePlace: JiAn JiangXi

member of PCP

TEL: 18779948830

756274101@qq.com



Education

Central South University institute of Transportation Engineering
Rail Transit and signal control GPA: 85.39 (Rank18/41)
postgraduate entrance exam: Politics 71, English 73, Math 115, Automatic control theory 126, a total score of 385
professional courses: Modern control theory (94 points) Electric traction drive and control (93 points) advanced mathematics A (97 points)

Research

2021.1 Comprehensive and innovative experiments—Principle and simulation analysis of SVPWM control technology

Based on automatic control theory and power electronics technology, I establish the relationship between the inverter switching mode and its output voltage and the motor flux, use SIMULINK to analyze the alternating current waveform under various parameters, and excellent results are obtained in the experimental paper.

2022.1 Practical course design of station and section control—Cable route map of station

According to the course knowledge of automatic control of station signal and automatic control of section signal, follow the principle of fault-oriented safety, self-study Railway Design Standard Flow, use Visio to put every design step into practice, high-quality completion of the station cable route map design, access to excellent results.

2021.3-2022.3 Innovative and Entrepreneurial Project for college students -- Master of intelligent time management

Responsible for competition analysis and marketing strategy business plan writing and defense work. The project was approved at the national level, to complete the operation of small programs, the second copyright holder to register computer software registration rights, through the closing defense.

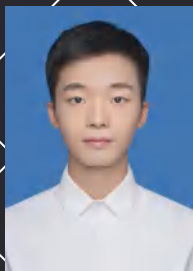
Campus practice

Class Committee of Class 1801, signal and control of Rail Transit (2019.9-2022.6) Study Committee member, vice-monitor

2019-2020 academic year as a member of the class learning, responsible for the construction of the class style of study, learning task data management, dedication by the students unanimously like the Sophomore Year of moral education is the first class (89.695 points). 2020-2021 school year as Class vice-president and member of the psychological, responsible for the monthly report students emotional state, solve students psychological problems and contradictions between students. Third Year of moral education into the second class (90.94 points)

荣誉奖励

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| CSU Outstanding League member (twice) | CET4:485 CET6:443 |
| CSU Third-class scholarship (twice) | CSU Civilization dormitory |
| CSU Outstanding student leaders | National-level project of innovation and Entrepreneurship for college students |
| The Second Prize of the 6th National College Students' academic English vocabulary contest | CSU Outstanding Volunteer |
| Student volunteers social practice state-level | |



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22 岁 / 湖南长沙



姓名：彭毓崇



生日：2000.10.31



学历：学士学位



籍贯：江西吉安



政治面貌：预备党员



电话：18779948830



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教育背景

中南大学交通运输工程学院 轨道交通与信号控制 本科学位
学习成绩：85.39 分 (18/41) 考研成绩 385 分 自动控制理论 (816) 126 分
专业课程：现代控制理论 (94 分) 电力牵引传动与控制 (93 分)
高等数学 A (97 分) 区间信号自动控制 (94 分)

科研实践

2021.1 学科基础综合性与创新性实验——SVPWM 控制技术原理及仿真分析

根据自动控制原理和电力电子技术等课程知识，利用电压矢量空间的概念，建立逆变器开关模式及其输出电压与电机磁链之间的关系，接近理想的磁通圆形轨迹，采用 SIMULINK 分析各项参数变化下的输出交变电流波形，实验论文获得优异成绩。

2022.1 车站与区间控制实践课程设计——车站电缆径路图

根据所学车站信号自动控制和区间信号自动控制等课程知识，遵循故障导向安全原则，自学铁路设计规范流程，编写铁路信号联锁表，利用 Visio 将每项设计步骤落到实处，高质量完成车站电缆径路图的设计，获得优异成绩。

2021.3-2022.3 大学生创新创业项目——智慧时间管理大师 副队长

负责竞争分析和营销策略的商业计划书撰写和答辩工作。
该创业项目获得国家级立项，完成小程序运营工作，以第二著作权人注册计算机软件注册权，通过结题答辩。

校内实践

轨道交通信号与控制交控 1801 班班委 (2019.9-2022.6) 学习委员 副班长

2019-2020 学年担任班级学习委员，负责班级学风建设，学习任务资料管理，尽心尽责受到同学一致点赞，大二学年德育分为全班第一 (89.695 分)。
2020-2021 学年担任班级副班长兼任心理委员，负责每月上报同学情绪状态，解决同学心理问题与同学间矛盾。大三学年德育分为全班第二 (90.94 分)

中南大学就业指导中心 (2018.10-2020.7) 学生助理

负责就业实训课程的报名指导、认证学分、实验室维护与宣传工作。
在工作两年时间勤勤恳恳，服务同学和老师就业指导超过 500 人次。
2019.6 荣获中南大学就业指导中心优秀助理。

中南大学志愿服务指导中心 (2018.9-2020.7) 办公室副主任

负责组织策划志愿宣传保护河流知识活动“同护江河水，相遇河小青”活动，活动涉及面从孩子到老人，参与人数约 200 余人。
组织中南大学优秀志愿者颁奖仪式，中南大学 2019 年优秀志愿服务项目交流大会。

荣誉奖励

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| 中南大学优秀团员 (2 次) | 英语四六级证书 |
| 中南大学三等奖学金 (2 次) | 中南大学校级文明寝室 |
| 2020-2021 学年中南大学优秀学生干部 | 大学生创新创业国家级立项 |
| 第六届全国大学生学术英语词汇竞赛二等奖 | 中南大学图书馆优秀志愿者 |
| 大学生志愿者“三下乡”社会实践国家级立项 | 中南大学就业指导中心优秀助理 |