白睿 Rui Bai

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本科在读 | **每周可到岗 5 天，连续实习 6 个月及以上**

教育背景

北京航空航天大学，工商管理 本科 | 2023.09 – 2027.06

- **专业排名：**GPA 3.75/4.0，年级排名 **1/26**
- **相关课程：**C 语言程序设计（97）、概率统计（97）、应用统计学（94）、运筹学（91）
- **荣誉：**连续两年校“三好学生”；学习优秀奖学金特等奖、一等奖；全国大学生数学竞赛北京市三等奖

北京航空航天大学，国家卓越工程师学院 硕士 | 2027.09 – 2030.06

- **专业：**能源动力；**研究方向：**燃气轮机数字原理机、涡轮流动换热与气热设计

实习经历

字节跳动 | TikTok 招聘实习生 | 2026.07 – 至今

- **招聘流程自动化：**针对人才搜寻中的重复翻页、信息提取与人工入表，独立设计并开发 **JavaScript Chrome 插件**；解析页面 DOM 提取候选人与 JD 信息、进行匹配评分，并通过飞书开放 API 写入在线表格，串联“检索—提取—评分—入表”流程
- **产品与运营岗位招聘：**每日通过人才库、BOSS 直聘等渠道开展 sourcing 与初筛；电话沟通了解候选人信息，跟进沟通并协调时间，**每周约安排 5 场面试**，支持社会招聘与内部流动流程

项目经历

个人作品集与“每日坐标”信息简报 个人项目 | 2026.09 – 至今

- **场景与实现：**面向 AI 论文、开源项目及新闻的每日浏览需求，设计分类阅读、卡片预览与独立打开流程，**使用 AI 辅助编程**搭建网站及 RSS/API 采集链路；接入 **6 个公开来源**，以规则完成分类、去重与排序
- **体验与可靠性：**采用访问触发更新、缓存及采集失败回退；依据实际体验迭代单次点击抽卡、图片加载完成后再播放演示等细节，并对更新超时、分轮采集与原始采集时间保留进行回归验证

聚能智控——虚拟电厂动态实时监测系统 第一负责人 | 2025.06 – 2026.06

- **方案与本人工作：**围绕分布式能源接入、运行监测与优化管理组织系统方案；作为 **5 人团队第一负责人**，负责需求拆解、团队分工、材料整合与现场答辩
- **项目成果：**获“青创北京”2026 年“挑战杯”首都大学生创业计划竞赛“青智未来”新质生产力专项赛**一等奖**（1/5）

科研成果

遥感地物分类 https://doi.org/10.1109/TGRS.2025.3589080 之江实验室 | 2025.07

- **共同第一作者**，发表于 **IEEE Transactions on Geoscience and Remote Sensing**
- 面向高光谱（HSI）与 LiDAR 联合分类，论文提出 **FHPF-Net**，融合空间及高低频互补特征；在 **4 个公开数据集**上的整体分类精度（OA）为 **90.89%–99.17%**

自动驾驶安全变道 https://doi.org/10.1007/s44443-025-00300-2 UniMAP | 2025.12

- **第一作者**，发表于 **Journal of King Saud University – Computer and Information Sciences**；独立完成主要研究，基于双五次轨迹引入 TTC 与横向 jerk 优化，搭建 MATLAB 仿真平台
- **仿真结果：**低 TTC（< 3 秒）时刻占比由 **64% 降至 42%**，峰值与均方根横向 jerk 均**降低 35% 以上**

技能与其他经历

编程与工具：JavaScript、Python、MATLAB、SQL、LaTeX；AI 辅助编程工具（Codex、Claude Code 等）

语言与特长：CET-6（509）；**国家一级运动员**；班长（2023.09 至今），负责师生沟通与活动组织

Rui Bai 白睿

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Current undergraduate | **Available 5 days/week for at least 6 months**

Education

Beihang University Sep 2023 – Jun 2027

- **Bachelor's program in Business Administration**; GPA: **3.75/4.0**; class rank: **1/26**
- **Coursework:** C Programming (97), Probability and Statistics (97), Applied Statistics (94), Operations Research (91)
- **Honors:** university merit student for two consecutive years; special- and first-class academic scholarships; Beijing third prize, National College Student Mathematics Competition

Beihang University Sep 2027 – Jun 2030

- **Master's program in Energy and Power**, National Superior College for Engineers; research focus: gas-turbine digital prototypes, turbine flow and heat transfer, and aerothermal design

Internship Experience

ByteDance | TikTok Recruiting Intern | Jul 2026 – Present

- **Workflow automation:** independently designed and built a **JavaScript Chrome extension** for repetitive talent sourcing tasks; automated pagination, DOM extraction of candidate and job-description data, match scoring and export to Feishu Sheets via API, connecting the search–extract–score–record workflow
- **Product and operations recruiting:** sourced and initially screened candidates through talent databases and BOSS Zhipin; conducted phone outreach, followed up and arranged **approximately five interviews per week**, supporting external recruiting and internal mobility

Project Experience

Personal Portfolio & Daily Orbit News Digest Personal project | Sep 2026 – Present

- **Use case and implementation:** designed categorized reading, embedded previews and standalone access for daily browsing of AI papers, open-source projects and news; built the site and RSS/API pipeline **with AI coding assistance**; integrated **six public sources** with rule-based classification, deduplication and ranking
- **Experience and reliability:** used visit-triggered refresh, caching and fallback on collection failures; iterated on one-click card draws and image-ready playback; ran regression checks for update timeouts, phased collection and preservation of original collection timestamps

Juneng Smart Control | Virtual Power Plant Monitoring Project lead | Jun 2025 – Jun 2026

- **Own contribution:** organized the system proposal for distributed energy integration, monitoring and optimization; led requirements breakdown, task allocation, proposal integration and the live defense for a **five-person team**
- **Award:** won **first prize** in the "Qingzhi Future" special track of the 2026 Beijing Challenge Cup entrepreneurship competition as project lead

Research

HSI–LiDAR Classification https://doi.org/10.1109/TGRS.2025.3589080 Zhejiang Lab | Jul 2025

- **Co-first author**, published in **IEEE Transactions on Geoscience and Remote Sensing**
- FHPF-Net combines spatial and complementary high/low-frequency features for joint HSI–LiDAR classification; achieved **90.89%–99.17% overall accuracy across four public datasets**

Safe Lane-Change Planning https://doi.org/10.1007/s44443-025-00300-2 UniMAP | Dec 2025

- **First author**, published in **Journal of King Saud University – Computer and Information Sciences**; independently completed the core research: double-quintic trajectory optimization with TTC and lateral-jerk penalties, supported by a MATLAB simulation platform
- **Simulation results:** time spent at TTC < 3s fell from **64% to 42%**; peak and RMS lateral jerk each decreased by **over 35%**

Skills & Additional Experience

Programming & tools: JavaScript, Python, MATLAB, SQL, LaTeX; AI-assisted coding tools (Codex, Claude Code)

Language & other: CET-6 (509); **National First-Class Athlete (China)**; Class Representative (Sep 2023–Present), coordinating student–faculty communication and class activities