Huang Jue He
Curriculum Vitae

huangjuehe@gmail.com
huangjuehe.github.io

About

Computer engineer student.
Experience in algorithm optimization, mobile app and web development, software obsfucation and web scrapers.

Research interests:

- Mathematical foundations of AI, probabilistic machine learning, big data analytics

- Computational and mathematical finance, algorithmic trading

Higher Education

Universidad Politécnica de Madrid   2026
BEng Computer Engineering, *7.5/10*

- Coursework: *Advanced Programming, Differential Equations & Models, Operations Research, Dynamic Systems, Computer Architecture, Algorithms and Data Structures, Scalable & Distributed Systems...*

Professional Experience

El Corte Inglés Castellana, Madrid   October 2024 - Present
International Customer Service

- Multilingual support for international customers on tax-free processes & assistance of different matters.

Self-employed, Madrid   2020 - 2023
Developer & Reseller

- Development of APIs, web scrapers & auto-checkout programs with secure payment processing (Adyen) & WAF bypassing through PerimeterX, Cloudflare, Akamai.

- Stock control & accounting of stock valued at 5 figures.

Services & Extracurricular

Student Representative, Universidad Politécnica de Madrid   2024 - 2025
Student Mentor, Universidad Politécnica de Madrid   2024 - 2025

Skills & Miscellaneous

Programming Languages: Proficient in Java, Python, C, SQL. Basic understanding of JavaScript, R, Bash
Technologies: MATLAB, HTML & CSS, LaTeX, numpy, pandas, matplotlib
Languages: Spanish, Chinese, Catalan, English. Intermediate in French, Russian
Personal Interests: General geography, history, climbing

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