



Aral de Moor

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Delft, The Netherlands

Computer scientist with a keen interest in language, and making computers use it. Ambitious, self-learning, and adaptable.

Experience

- 2024 – 2025 **ML Engineer at JetBrains' Cloud AI for Code Team**
Trigger models for code completion, saving 25% of cloud inference bills.
- 2023 – 2024 **Scientific Developer at AISE Lab, TU Delft & JetBrains**
Applying language models to software engineering, particularly programming.
Augmented transformer for smarter code-completion triggers.
🏆 *ACM SIGSOFT Distinguished Paper Award*
Supervise 5 research projects on sample-efficient transformer pre-training.
OSS Development of Code4Me, AI completion plugin for user studies.
Co-Reviewer for MSR'24 Mining Challenge and SANER'24.
- Summer 2023 **Research Thesis: Compressing Large Language Models for Code**
Compressed a code-completion GPT model by 15x through layer reduction and quantisation via knowledge distillation, retaining 84% original accuracy.
- Summer 2022 **Energy Arbitrage Simulator using Linear Programming at Lion-Storage**

Education

- 2020 – 2023 **Delft University of Technology**
BSc. Computer Science and Engineering, Data Science Track
Minor in Connected Creativity
Graduated in June 2023 with 20 EC from extra courses.
- 2014 – 2020 **British International School Istanbul**
International Baccalaureate Diploma Programme
Graduated in May 2020 with Higher-Level Physics, Chemistry, and Maths

Skills

Proficient in Python, working experience with Rust, Java/Scala, JS/TS, and Swift.
Comfortable working with HPC infrastructure, Docker, and Shell environments.
Fluent in English, Dutch, and Turkish. Some knowledge of French and Spanish.
Passionate about running, reading, and design.