

# Ankush Ahuja

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## EDUCATION

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09. 2020 - **Technologisches Gewerbemuseum (TGM)**, A Levels (Matura)  
06. 2025
- Department of Information Technology with specialization in data science & AI
  - Thesis on efficient indexing & semantic search methods (see Projects/Kayf)
  - Activities: Robotics (Botball), Coding Contest, student council & class representative
  - Perfect GPA (1.0, Austria)

## WORK EXPERIENCE

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07. 2024 - **Machine Learning Intern, Technical University of Vienna**  
08. 2024
- Developed a search engine to find documents distributed on various platforms with one query
  - Conducted ML research, compared different indexing and data retrieval methods
07. 2023 - **Software Engineering Intern, Dynatrace Austria GmbH**  
08. 2024
- Developed workflow actions for the Dynatrace Slack App
  - Gained insights about designing large applications and project management with SCRUM

## PROJECTS

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05. 2024 - **Kayf: AI-powered collaboration software with smart search**  
*ongoing*
- Web-based productivity and note-taking application with AI integration and workflows
    - Enables users to connect various workspaces and search through them with AI
  - Served as project leader and developer, managed a team of three students
01. 2024 - **Apeiron-lib: Robotics library for Botball**  
*ongoing*
- Library for the 2024 & 2025 Botball competition based on Libwallaby
    - Abstracts robots to component collections and adds additional coordinative functionality
  - Served as team leader and developed, managed a team of six students
09. 2023 - **DataVis: Data visualization software using static & dynamic endpoints**  
06. 2024
- Web app to visualize global electrical waste data for the Recycling Heroes Initiative
    - Evolved into an open-source data visualization framework with user data support
  - Served as project leader and developer, managed a team of five students

## SKILLS & INTERESTS

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Languages	German (native), Punjabi (native), English (fluent)
Technologies	C/C++, Java, R, C#, Python, JavaScript, React.js, SQL, Linux
Certifications	ECDL Standard, WKO Unternehmerführerschein A
Interests	Powerlifting, Machine Learning, Public speaking, Competitive Programming

## AWARDS

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Technologenverband: Award for excellent GPA & social engagement in the TGM community  
Austrian Informatics Olympiad 2024 Qualifier