

Lorin Urbantat

Computer Science Student at ETH Zurich & Student Assistant at ETH GTC

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Education

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| 2025 – present | ETH Zurich, MSc Computer Science <ul style="list-style-type: none">- Major: Data Management Systems |
| 2020 - 2024 | ETH Zurich, BSc Computer Science <ul style="list-style-type: none">- Graduated August 2024 with 5.04 GPA- Parallel Programming (5.75), Numerical Methods (5.75), Analysis (5.5), Visual Computing (5.75), Angewandte Computer Architektur (6) |
| 2007 - 2020 | Waldorfschule Mülheim an der Ruhr, Abitur <ul style="list-style-type: none">- Grade 1.3 (best - 1.0, worst - 6.0) |
| 2019 | Deutsche Schüler Akademie, Summer School for talented Students |

WORK EXPERIENCE

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| 2023 – now | Student Assistant at ETH Game Technology Center <ul style="list-style-type: none">- <u>Morph Tales Game</u> developed in Unity 3D- Implement Analytics pipeline (Firebase, BigQuery, Looker Studio)- Implement GenAI in game characters |
| 2023 - 2023 | Calculus Exam-Preparation Course <ul style="list-style-type: none">- Exam preparation course with approximately 20 participants |
| 2023 - 2023 | Calculus Teaching Assistant, ETH Zurich <ul style="list-style-type: none">- Host Exercise Classes with 15 - 30 Students |
| 2021 - 2022 | House Representative, WOKO Studentische Wohngenossenschaft <ul style="list-style-type: none">- Organization of move-outs/ins and Communication between Students and WOKO |
| 2017 - 2019 | Tutor, Waldorfschule Mülheim an der Ruhr <ul style="list-style-type: none">- Tutorial classes (10 - 25 participants) in Math and Computer Science |
| 2017 | Intern, Department of Experimental Neurosurgery Charité <ul style="list-style-type: none">- Internship at Neurosurgery Lab at Charité |

PERSONAL PROJECTS & RELEVANT EXPERIENCE

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| 2024 - 2025 | Flateroo – Flatshare platform |
| 2024 | Elect-o-Mate – Conversational AI Tool for opinion building in EU election <ul style="list-style-type: none">- Tool answers question on popular policies and party positions |
| 2023 | TLDR – Lecture Summarizer (VIScon Hackathon) <ul style="list-style-type: none">- lecture summarizer using (OpenAI Whisper and API) to create searchable lecture summaries from videos |
| 2022 | 3 Node Kubernetes Cluster based on k3s <ul style="list-style-type: none">- 3 Node k3s cluster. Deployed on 3 LXC containers on Proxmox- metallb, Traefik, cert-manager |
| 2022 | bruol.me – Portfolio website <ul style="list-style-type: none">- Simple website built with static website generator hugo (bruol.me) |

SKILLS & INTERESTS

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| Languages | German (native), English (fluent), French (DELFI B1) |
| Technologies | Advanced: C, C++, Typescript, React, Python, Java, Git, Linux, Containerization (Docker, Kubernetes), Unity 3D, Javascript, React-Native, Node, Postgres
Good: Ansible, Latex, X86 Assembly, Eigen, FPGA, Bash, Virtualization, BigQuery, Firebase, Google Looker Studio, Jenkins |
| Interests | Biking, Sports, Cooking, Dancing, Singing |
| Skills | Communication, Time Management, Analytical Thinking, Problem Solving |