

Lorin Urbantat

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

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EDUCATION

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| 2020 – 2024 | ETH Zurich, BSc Computer Science <ul style="list-style-type: none">Expected graduation June 2024 (Currently 5th Semester out of 6)Parallel Programming (5.75), Numerical Methods (5.75), Analysis (5.5), Visual Computing (5.75) |
| 2007 - 2020 | Waldorfschule Mühlheim an der Ruhr, Abitur <ul style="list-style-type: none">Grade 1.3 (best - 1.0, worst - 6.0) |
| 2019 | Deutsche Schüler Akademie, Summer Camp <ul style="list-style-type: none">Course on Topology (Theory and application with Python) |

WORK EXPERIENCE

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| 2023 – now | Student Assistant at ETH Game Technology Center <ul style="list-style-type: none">Work on the Morph Tales Game developed in Unity 3D |
| 2023 - 2023 | Analysis 1 Exam-Preparation Course <ul style="list-style-type: none">Teaching Exam preparation Course with approximately 20 Participants |
| 2023 - 2023 | Analysis 1 Teaching Assistant, ETH Zurich <ul style="list-style-type: none">Host Exercise Classes with 15 - 30 StudentsCorrect Exercise Sheets and give Feedback |
| 2021 - 2022 | House Representative, WOKO Studentische Wohngenossenschaft <ul style="list-style-type: none">Organization of move-outs/ins and Communication between Students and WOKO |
| 2018 - 2019 | Tutor, Waldorfschule Mühlheim an der Ruhr <ul style="list-style-type: none">Tutorial classes (~ 25 participants) in Mathematics |
| 2017 | Course-Instructor, Waldorfschule Mühlheim an der Ruhr <ul style="list-style-type: none">Project-course (~ 12 students) in building a wireless Thermometer, based on Arduino |
| 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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| 2023 | TLDR – Lecture Summarizer (VIScon Hackathon) <ul style="list-style-type: none">Created within 42h with a team of 6 peopleExtract videos from ETH video portaltranscribe videos using Open AI Whispergenerate summaries in 3 levels of comprehensiveness using GPT 3.5serve summaries in a searchable web UI with a focus on user experience |
| 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 | Portfolio Website built with HUGO <ul style="list-style-type: none">Simple website built with static website generator hugo (bruol.me) |
| 2021 | Python ICS to CSV Exporter <ul style="list-style-type: none">Script that takes an ics url/file and a time frame converts it into csv format. |

SKILLS & INTERESTS

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| Languages | German (native), English (fluent), French (DELFI B1) |
| Technologies | Advanced: C, C++, Python, Java, Git, Linux, Containerization (Docker, Kubernetes), Unity 3D
Good: Ansible, Excel, Latex, X86 Assembly, Eigen, FPGA, Bash, Virtualization Server (Home Lab), Biking, Fitness, 3D-Printing, Home Automation, Health |
| Interests | Communication, teamwork, analytical thinking, problem solving, organizational skills |