

Lucas "Luke" P. Ballmer

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Fluent In: English, French, German

Objective: To obtain an internship position for summer 2025 that may lead to employment upon my graduation in May 2026.

CITIZENSHIP: United States and Switzerland

EDUCATION:

Majoring in Computer Science, Machine Learning Specialization with	2022-2026
Minor in Robotics and Autonomous Vehicles at University of Maryland in College Park, MD	
Exchange semester, Computer Science Department of University of Zürich, Switzerland	2024
Wellesley High School in Wellesley, MA	2018-2022

WORK EXPERIENCE:

Programmer at Kestrel LLC in College Park, MD (Spring 2023)

- Deployed a solution to analyze and process lots of geo-data into a comprehensible model for banks.

Internship at Müller Group in Münchenstein near Basel, Switzerland (Summer 2021)

- Wrote a program using Rust to help migrate 100,000 files making edits to the names and paths of 10,000 mission critical files and directories. Code, necessary fallbacks, and precautionary measures were all written and thoroughly tested.
- Performed several software and server backups. Worked with the IT team to reorganize and reconfigure the server rooms at Müller sites in Germany and Switzerland.
- Installed, upgraded, and repaired numerous laptops and desktop stations as well as printers.
- Was able to function in an entirely German speaking work environment.

Internship at iCode in Wellesley, MA (Summer 2020)

- Taught Java, Unity, game development and VR and AR with Vuforia Engine in Unity to Middle School students at iCode in Wellesley for eight weeks.

EXTRACURRICULAR ACTIVITIES & ACADEMIC HONORS

- Johns Hopkins Center for Talented Youth Program for Advanced Java, Electrical Engineering & Computer Science
- President Wellesley High School Computer Science Club
- Wellesley High School's Computer Science student of the year in 2021
- Alpha Lambda Delta Honors Society
- Wellesley High School chapter of Delta Epsilon Phi, National German Honor Society
- Received the Gold Award for Distinguished Achievement, Level 4 (highest level) from the American Association of Teachers of German (AATG) (10)
- Member of the National Honor Society, Wellesley High School chapter
- École Française Greater Boston (EFGB)

SKILLS

- Java, Python, Rust, JavaScript, TypeScript, NodeJS, Unity C#, and C.
- Shader languages: GLSL v 4.5 and v 1.0
- Framework: GPU, TPU, 32bit systems, docker