

Elias Lucas Bauer

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Born September 8, 2006



I am a motivated student with a keen interest in science and engineering. As a native German and English speaker who has lived in Europe (Switzerland and Germany), Asia (Singapore) and the United States, I have extensive experience interacting with people from different cultural backgrounds. My achievements in events like the Informatics and Physics Olympiads, as well as Schweizer Jugend forscht, demonstrate my passion for technology and problem-solving. Since September 2024, I have been studying mechanical engineering at ETH Zürich.

Education

Kollegium St Fidelis, Switzerland	2018 – 2024
<ul style="list-style-type: none">• Matura Thesis: <i>Development of an Autonomous Robot Arm System for Playing Ping Pong</i> (Received 1st place of the <i>Schindler Kulturstiftung</i> Award)• Grade Average: 5.64	
Gymnasium Überlingen, Germany	2016 – 2018
German European School Singapore	2012 – 2016
Bedminster Township School, New Jersey	2011 – 2012

Awards & Achievements

Informatics Olympiad	2021 – 2024
<ul style="list-style-type: none">• National (Swiss): Gold Medal (2022, 2023, 2024)• IOI: Bronze Medal (2022, 2023, 2024)• WEOI: Gold (2024), Silver (2023)• CEOI: Bronze Medal (2022, 2023)• RMI/BOI: Silver/Bronze Medal (2022)• EJOI: Silver Medal (2021)	
Physics Olympiad	2024
<ul style="list-style-type: none">• National (Swiss): Gold Medal (2024)• EuPhO: Bronze Medal (2024)	
Schweizer Jugend forscht	2024
<ul style="list-style-type: none">• Evaluation: Outstanding (Ausgezeichnet)• Project: <i>Development of an Autonomous Robot Arm System for Playing Ping Pong</i>• Extra Award: Participation in the Regeneron International Science and Engineering Fair (ISEF) 2025, sponsored by the <i>Gebauer Stiftung</i>	

Languages

- **German:** Native
- **English:** Native
- **French:** School level

Skills & Interests

- **Technology:** Robotics, Engineering, Informatics, Machine Learning
- **Sports:** Hiking, Cycling, Skiing, Tennis, Running
- **Other:** Reading, Cooking