

# Amir Bomba

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## Education

### Temple University

Bachelor of Science in Computer Science (in progress)

Relevant Coursework: Data Structures, Algorithms, Physics

### International Community School of Addis Ababa – Addis Ababa, Ethiopia

IB Diploma Graduate, Class of 2024

- Higher Level: Mathematics Analysis & Approaches, Business Management, Computer Science
  - Extended Essay in Computer Science
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## Experience

### Hello Tractor – Nairobi, Kenya

*Software Engineering / Product Management Intern* — Summers 2023 & 2024

- Collaborated with front-end team on product features using JavaScript/React.
- Shadowed Engineering Manager & CTO in Agile ceremonies (standups, sprint planning).
- Developed and documented small-scale front-end components, improving usability for internal tools.
- Produced internal technical documentation and meeting notes to streamline team collaboration.
- Gained exposure to the full product lifecycle, from ideation to deployment.

### Private Math Tutor – *International*

*Tutor* — Summer 2025

- Provided tutoring for college-level mathematics (Calculus and Probability).
- Helped students improve problem-solving skills and prepare for exams.
- Designed personalized study plans to strengthen conceptual understanding.

**IB Computer Science Tutor** – Addis Ababa, Ethiopia  
*Tutor* — Jan–Apr 2024

- Guided IB Computer Science students through algorithm design, debugging, and Java programming.
- Provided individualized support for Internal Assessment projects, from concept to implementation.
- Clarified key concepts in data structures, recursion, and object-oriented programming.

**Northwest Harvest Food Bank** – Seattle, WA  
*Volunteer* — Summer 2020

- Coordinated distribution of food packages for families in need.
  - Ensured efficient organization of inventory for rapid fulfillment of community orders.
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## Leadership & Extracurriculars

**ISSEA Track & Field** (Varsity, 2019–2024) — *Captain* (2022–2024)

- Competed internationally across 8 schools in Africa.
- Set a new ISSEA high jump record (2024).
- Led and motivated a diverse international team through training and competition.

**Service & Clubs**

- *Founder/Leader, Photography Club*: Created a student-led platform raising awareness of social issues through visual media.
  - *Focus on Service Club*: Supported local nonprofits through fundraising and awareness campaigns.
  - *Empty Bowls Soup Kitchen*: Produced and auctioned handmade items to raise funds for local charities.
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## Technical Skills

- **Programming**: Proficient in Java, C; working knowledge of Python, TypeScript, C++, C#, Lua, JavaScript, HTML, CSS.

- **Frameworks:** React (intermediate), Node.js (basic).
- **Tools:** Git/GitHub, Agile/Scrum methodologies.
- **Strengths:** Higher-level mathematics, critical thinking, collaborative problem-solving.