XERCO TCHOUANKEU

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EDUCATION

Eleanor Roosevelt High School   Greenbelt, MD
Science and technology program   Diploma Expected May 2025
   GPA: 4.0 UW, 4.396 Cumulative
   SAT SUPERSCORE: 1510, 720 Reading, 790 Math.

RELEVANT COURSEWORK

AP American Government and Politics**, 2023 - (A, 5 on AP Exam)**

AP World History**, 2024 - (A, 5 on AP Exam)**

AP Pre-Calculus**, 2024 - (A, 5 on AP Exam)**

AP Environmental Science, **2024 - (A, 5 on AP Exam)**

AP English Language and Composition**, 2024 - (A, 4 on AP Exam)**

AP Computer Science A Java**, 2024 - (A, 4 on AP Exam)**

AP Calculus BC**, Present - (A)**

AP Physics C**, Present - (A)**

AP Literature**, Present - (A)**

AP French Language Culture**, Present -(A)**

EXTRACURRICULAR ACTIVITIES   Greenbelt, MD

Game Development   2021-Present
- Created video games on Roblox platform using Roblox Studio
  - Coded using Lua programming language
  - Designed user interface using Adobe photoshop
  - Designed game 3D models using blender
  - Created and contributed to games that have amassed over **5 million visits** (every time someone joins your game)

Website Development   2023-Present
- Created interactive websites
  - Utilized Html, Javascript and css
  - Made, and hosted a couple of websites so far.

IOS Development   2023-Present
- Created apple applications on the Xcode platform using Swift language
  - Published an official application through the app store

Programming Contest   2024-Present
- Participated in contest such as congressional app challenge where i made an eye exercise app
- Participated in the hack UMBC hackathon where I made a scholarship tracker IOS application

Graphic Designer/Video Editor   2021-Present
- Designed thumbnails for various YouTube channels
- Edited videos for various YouTube channels
  - Videos I have made designs and edited for have generated about **2 million views** on YouTube.

Internship   2024
- Currently interning at the university of maryland Department Aerospace Engineering, in the motion teaming lab
  - Currently testing an intrusion detection and response algorithm against malicious robots disrupting clustering performance for robot swarms.

Soccer   2020-Present
- Actively participated/played soccer for club/school team
- Very familiar with soccer tactical analysis in games such as ea fc and football manager

LEADERSHIP EXPERIENCE

French Honor Society   Greenbelt, MD
Secretary   2023- Present
- Supervised member activity and organized meetings.
- Helped come up with ideas on how to raise more money.

Soccer Social Club   Greenbelt, MD
President   2022- Present

- Organized soccer games watch-alongs and activities
- Arranged soccer related simulations and predictions

VOLUNTEER EXPERIENCE

Summer Bridge Program Mentor   2023
- Helped facilitate the transition for freshmans into my schools science and technology program
  - Mentored students throughout the summer in different subjects such as mathematics and science

Roose Got Talent Event
- Help organize and run the annual roose got talent fundraising event where the funds raised are used to help two families in Africa.

School Discord Server
- Owner of school discord server where I post resources and organize events designed to help other students.   2024

AWARDS AND HONORS

AP Scholar with distinctions   2024

National First-Generation Recognition Program   2024

National African American Recognition Program   2024

Questbridge national college match finalist   2024

MD Seal of Biliteracy   2023

SKILLS AND INTERESTS

Skills: **Python, Lua, Swift, Javascript, Html, Css**

Interest: **Software development, Computer Engineering**