

Robert Gilmore
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Education

Newport High School (Class of 2023) | Current GPA: 3.95
9th Grade AP exam: World Hist (5)
Current AP courses: Computer Science Principles, Physics 1, US History

Academic Interests

Virtual Reality Programming, Artificial Intelligence, Mathematics and Physics

Extracurriculars/Volunteering

Volunteer Tutor, Bellevue WA

Grade 10 - Present

- Helping a 6th grader on Math and English by identifying issues and developing weekly lesson plans. Acting as a mentor to spark intellectual curiosity.
- Through tutoring, I improved my own communication, and time management skills.

Cross Country, WA

Grade 9 - Present

- Ran Junior Varsity, and joined multiple meets across the region
- Attended two-hour school practices daily, and built perseverance, teamwork, and responsibility. Continue training 7 times a week during off/down season.

Badminton, Bellevue Badminton Club

Grade 9

- Practiced and participated in intermediate-level tournaments weekly at the Bellevue Badminton Club.
- Learned to stay calm in high pressure environments.

Guitar, Music Works NW

Grade 8 - Present

- Attending guitar courses at Music Works NW and played/performed in a band.
- Practiced collaboration with peers and gained confidence to present in a public setting.

Computer/Programming Skills

Unity 2D Roguelike Video Game Development

Grade 8

- Developed a 2D roguelike game using the Unity Engine over the course of a month using assets provided by Unity Technologies.
- Made the game fully compatible on iOS devices.

- Learned the basics of setup and assets, level generation, environment design, user interface, and iOS development.

Udemy Virtual Reality and Augmented Reality Foundations Course

Grade 9

- Attended a three month-long virtual course over the summer on the basics of working with virtual reality technologies.
- Learned how to create and design virtual reality environments using the Unity Engine and how to add functionality to the environments using C++.
- Created an interactive maze video game which was implemented onto an Android device.
- Graduated the course with a Nanodegree in Virtual Reality.

AP Computer Science Create Performance Task

Grade 10

- Developed a project on Code.org using JavaScript to submit to Collegeboard as the AP Create Performance Task over the course of a few weeks.
- Collaborated with peers virtually to create an Anagram Solver app.
- Learned effective debugging methods, how to better communicate, more advanced user interface and display options, as well as the development of my JavaScript skills.

Udemy Web Developer Bootcamp

Grade 10 - Present

- Taking a Web Developer Course on Udemy on the fundamentals of website development over the past month.
- Gained an understanding of how websites work.
- Created multiple functional websites using HTML, CSS, and JavaScript.