

ROHAN VERMA

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EDUCATION

Northeastern University 2026–30

- B.Sc. Computer Science and Game Development
- Ongoing education at Northeastern

American School of Dubai 2022–26

- Achieved High Honor Roll with Distinction
- Completed 6 Advanced Placement courses to achieve college credit
- Student IT Helpdesk President, Tech 4 Tomorrow Club Founder, Global Issues Network Exec. Publicist

HONORS

Bob Ackerman Award June 2026

- Excellence in Technology Award (top of 170 students); \$1,500 USD reward

Paper Publication Recognition Oct 2025

- Received for publishing in Volume 12 Issue 10 of TIJER International Research Journal

AP Scholar Award Jul 2025

- Awarded from AP Computer Science Principles, AP Physics 2, AP Microeconomics

BisectHosting Partnership Feb 2024

- Recognized for 1 million downloads; banners featured across all mods

EXPERIENCE

Think Software Services FZ LLC Aug – Sep 2024

Information Technology Intern

- Collaborated with a 5-member technical team providing enterprise IT support
- Completed 70+ hours of professional training in server provisioning, remote access management, and client troubleshooting
- Assisted in cloud migration testing environments; improved service latency by 15% with system tuning

RESEARCH

Technix International Journal for Engineering Research

Aug – Oct 2025

What psychological factors influence gamers' decisions to download third-party algorithms for video games? (ID: TIJER2510069)

- Analyzed psychological and ethical factors influencing gamers' adoption of third-party algorithms and modding tools. Synthesized insights from 10+ peer-reviewed studies using Technology Acceptance Model (TAM), TPB, and moral-cognition frameworks

PROJECTS

rsap (CurseForge/Modrinth)

Dec 2022 – Present

- Engineered Java-based Minecraft modifications; achieved 1 million downloads using modular, event-driven architecture
 - **capybara** — entity-and-behavior mod; 653K+ downloads
 - **aeronautics-compatible** — compatibility patch for a physics-based mod; 201K+ downloads, 65 followers
 - **legacy-console-sounds** — 4J console sound effects; 41K+ downloads
 - **kebabs-delight** — food/item mod; 37K+ downloads
- Produced YouTube showcases reaching 25K+ views, demonstrating build logic and optimization to a global modding audience

Navigator (Open Source)

Aug 2025

- Built a Linux-based homelab application hub consolidating media, cloud, and server services; optimized runtime to under 1MB RAM with C backend and HTML frontend
- Open-source design with MIT License and user transparency; reached 80+ open-source community upvotes across platforms

SKILLS

- **Languages:** Java, Python, Go, C, Shell, HTML/CSS, JavaScript, Lua
- **Systems & Infrastructure:** Linux, BSD, self-hosting, Docker/Podman, nginx, reverse proxies, DNS
- **Networking:** TLS/certificates, SSH, VPNs, firewalls, home network administration
- **Tools:** Git, VS Code, Vim, Arduino IDE, Excel (Advanced), Notion
- **Languages Spoken:** English (Native), Spanish (Intermediate), Hindi (Intermediate)
- **Interests:** Game Development, Distributed Systems, Open Source, Server Engineering, Jazz Guitar, Embedded Tech, Badminton, Robotics, Golf, Swimming