

## Anar Bayanzul

A developing computer scientist with a passion for graphics and design.

Westminster, CO 80030

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### Education and Academic Achievements:

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#### University of Notre Dame

Notre Dame, IN

Bachelor of Science

Major: Computer Science | Minor: Studio Art

Current GPA: 3.9

Expected graduation date: May 2025

Dean's List 2022-2023

### Technical and Language Skills:

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- Capable in 3D modeling and VFX programs including Maya, Blender, and Houdini.
- Confident with C, C++, Python, Java, and the hardware description language Verilog.
- Full stack development (Django, JS, CSS, HTML)
- Experience with web development, three.js, WebGL, Bash scripting, SolidWorks (computer-aided design), and software development through Git and GitHub
- Capable in MatLab and shader coding using OpenGL

### Projects:

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- 3D simulation, modeling, and animation projects in Maya and Blender.
- AI search engine for Tak (Chess-like boardgame) with multiple heuristics and depths
- Series of shader coding projects implementing interactive 3D WebGL programs with lighting, shading, and texture mapping
- Contributions in open-source multiplatform application making meaningful visuals from audio/music

### Scholarships & Awards:

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- Winner of both Marmon's Fall 2021 and Spring 2022 Innovate-O-Thons at the University of Notre Dame
  - Worked with real-world businesses to reduce product costs and increase supply line efficiency
  - Find novel solutions to real problems in a high-paced environment, and present solutions to business executives
- Honorable Mention in Notre Dame's Spring 2022 Hackathon
- Highschool Valedictorian of Year of 2021

### Leadership:

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#### Student Council President

- Organized major school events. Led meetings to prepare and delegated tasks for said events
- Bridged gap between teachers and student body, balancing student and teacher demands

September 2020 – May 2021

#### Student Council Vice President

- Assistant to the Student Council President; led when president was busy/absent
- Many of the same responsibilities as president

September 2019 – May 2020

### Experience:

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#### Notre Dame London Gateway | London, England

- Developed cross-cultural awareness while communicating with locals in immersive experiences
- Learned new perspectives and an international view while balancing two engineering courses

May 2023 - June 2023

#### Notre Dame Teacher's Assistant

- Guided students in Logic Design; offering new perspectives on complex topics

January 2023 - Present

#### Speech and Debate Club Member

- Best Speaker Award (2018)

August 2018 – May 2020