

Sean Gentry

Student at Vanderbilt University School of Engineering

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Education

Vanderbilt University

Nashville, TN

2023 – 2027

Pursuing bachelor's degree in mechanical engineering with a minor in computer science | 3.98 GPA

- Questbridge Scholars Network
- Vandy Brazilian Jiu-Jitsu
- American Society of Mechanical Engineers
- Vandy Rocket Propulsion Group

Osborn Park High School

Manassas, VA

2019 – 2023

Advanced High School Diploma and Biotechnology & Engineering certificate | 4.55 GPA, 99th percentile

- National Finalist for Kappa League Debate Team
- Regional Champion for Kappa League Debate Team
 - Competed in a debate team for a nationwide youth group sponsored by Kappa Alpha Psi Fraternity, Inc and reached Nationals twice, dedicating about 6 hours a week
- Varsity football, track and field, wrestling
 - Acted as leader in varsity football as DT, co-captain of throwers of track & field team, and wrestler, dedicating about 15 hours a week in-season
- Math and National Honor Society officer, OPHS branch
 - Acted as math tutor and induction subcommittee officer for Math Honor Society and National Honor Society

Skills

Programming

Object-Oriented Programming with Java, Python, game development with Unity and C#(3 years). Hacker at VandyHacks X (2023).

3D Modeling and CAD

Beginner experience in Fusion360, Solidworks, and Blender in developing 3D printed parts and 3D models. Beginner experience with AutoCAD (1 year)

Foreign Languages

Beginner fluency in Japanese and intermediate fluency in Spanish. (3 years)

Relevant coursework:

Physics: Mechanics
Calculus: I, II, Multivariable
General Chemistry I, II
Biology
CS 1101 Intro to Java
CS 2201 Data Structures

Work Experience

Line Cook | Buffalo Wild Wings

Woodbridge, VA

2021-2023

Worked at Buffalo Wild Wings in cashier, greeter, server, expo and line cook positions in highschool on night shifts, dedicating about 15 hours a week

Awards and Honors

- Questbridge National College Match Scholar

- Recipient of over \$300,000 in financial aid as part of a 4-year agreement with Questbridge and Vanderbilt after being selected (late 2022) out of ~18,000 high school seniors, 5,613 finalists, and 1,755 matches nationwide

- Micron Technology, Engineering, and Mathematics Scholar

- Recipient of \$2,500 scholarship in early 2023 from local county school chamber in partnership with Micron Technology for graduating high school seniors who plan to pursue a career in a Tech, Engineering and/or Math field