

# Daniel Yowell

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## Education

**University of Oklahoma** – Norman, OK 08/2021 — Current

- 3.95 GPA
- Sophomore, expected graduation Spring 2025
- Computer science major
  - Developed programs for creating cellular automata based on input files
  - Developed applications to create, display, and solve “nonogram” puzzles using input files and JavaFX
  - Experience committing/pushing code to GitHub, running commands in terminal, etc.
- Honors research assistant for Dr. Jonathan Stalling
  - Worked on project designing software to help students write Chinese Jueju poetry

**Oklahoma School of Science and Mathematics** – OKC, OK 08/2019 — 05/2021

- 120+ community/school service hours
- Received Governor’s Scholar award
- National Merit finalist

**Union Public Schools** – Tulsa, Oklahoma Elementary — 05/2019

- Pre-A.P. core classes, math up to Algebra II
- Biomedical electives affiliated with Tulsa Technology Center (TulsaTech)
  - Certified proficiency in Human Anatomy & Physiology
- 4.0 GPA throughout high school
  - #10 schoolwide ranking during sophomore year
- Part of 1<sup>st</sup> cohort for Early College High School program (ECHS)
- Duke Talent Identification Program (nationwide competition), 2016

## Clubs/Extracurricular Involvement

### OU:

- Honors College member, National Merit scholar
- Dean’s Leadership Council mentor, Fall 2022
- Computer Science Student Board (executive chair), Fall 2022-present
- SASE (Society of Asian Scientists and Engineers) member
- Member of Sooner Rover team (autonomous branch), Fall 2022-present
- Completed Qubit x Qubit, (IBM-sponsored quantum computing course), freshman year
- Moderator for Honors College reading group (“American Gods” by Neil Gaiman), Spring 2022

### OSSM:

- Competed in FTC (“FIRST Tech Challenge”), 2019-2020
- Founded club for 3D modeling in open-source software Blender
- Computer Science Club
- SCHISM Debate Club

## Skills and Achievements

- Proficient in Java, C++, Python, HTML, CSS, LaTeX
- Proficient in 3D modeling using open-source software Blender
- National Honor Society leader
- 150+ community/school service hours throughout high school
- Received Governor’s Scholar award
- National Merit finalist
- HOSA (Health Occupation Students of America) Chapter
  - Organization for students studying medical fields
  - Qualified for HOSA State Competition, 2019
- FIRST Robotics Team
- MathCounts Team
- 11 years piano experience, have won multiple awards on district and state level
- Languages: English (native), Chinese (conversational)