
George Chemmala

Student | Interested in learning Math & Physics

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Summery

I'm a student at Sequoyah High School who will graduate in 2022. My main interests are math, physics, music, and photography, and I want to continue these interests at college.

SAT Score/Academics

SAT: 1560 | M 800 R&W 760
NGA: U – 98.174 | W – 102.957
Class Rank: 5/457

Activities/Experience

Concert Band | French Horn

2016–Present

Principle Chair (Junior & Senior Year)

- Began French Horn in Middle School under Ricky Williams after 6 years of piano
- 2nd Chair in Middle Band as a Freshman then 2nd Chair in Top Band as a Sophomore – Awarded Sequoyah High School Instrumental Music Program's Most Improved Brass (2019)
- Sequoyah High School's Top Band, under Casey Eubanks, was selected to perform at the GMEA State Conference and the University of Alabama's Honor Band Clinic (2022)

Marching Band | Mellophone

2018–2020 \wedge

Section Leader (Senior Year)

2021–2022

Beta Club

2018–Present

Math Tutoring (Summer 2019–Spring 2020)

Mu Alpha Theta (MA Θ)

2019–Present

President (Senior Year)

- Team won 1st place at Reinhardt's County Competition (2019)
- Covid (2020-2021): Creating videos (tinyurl.com/GeoCMath) and reading math books
- Rebuilding program after Covid suspending 2 years of competitions

National Honor Society (NHS)

2020–Present

Secretary (Senior Year)

Georgia Governor's Honors Program (GHP)

Summer 2021

Math Major 58

- 4-week educational summer program at Berry for Highschool students. ~650 in total picked from state to study their selected major.
- Research project – creating solutions to angle viewing problems
- Minor: Evil in Lit – analyzed lit works (e.g. Paradise Lost, The Godfather, Othello)

Summers

2018: Naval Academy Summer STEM Camp

- Studied in college-level Stem classes

2019: Volunteer Math Tutor

- Tutored at Progress Math based on the Singapore math curriculum and Vedic math – taught model drawing
- TA for “Math for the Fun of It,” a week of recreational math for elementary students. I did a short lecture on fractals.

2020: Stanford Introduction to Mathematical

Thinking Online Course & NFS Forest Ambassador

- Introduction to college-level math through set theory and proofs
- Created a Twitter bot for finding greenspaces that the National Forest Service is looking into incorporate

2021: GHP

AP Seminar/Research

Currently exploring computer generated analysis of motifs in works of Shostakovich in Research.

Misc.

- National Latin Exam: Summa Cum Laude and Maxima Cum Laude (2018, 2019, 2020)
- First-Place Regional Technology Fair Winner, 3D Modeling Project on antique coins (2018)
- AP Exams: Calc BC (5), Seminar (5), Chem (5), Lang/Comp (5), Human Geo (4)