

Hao Gu

CS & Commerce Student @ University of Virginia

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EXPERIENCE

Russian School of Math, Ashburn — *Math Tutor*

October 2019 - March 2020

- Utilized mathematical knowledge to educate elementary and middle school students
- Learned collaboration and communication skills

LEADERSHIP

Secret Math Society — *Organization Founder & leader*

September 2020 - June 2022

- Coordinated club activities to further club members' mathematical interests
- Prepared members for AMC competitions
- Helped organize the Pi-day math challenges for school

EDUCATION

University of Virginia, Charlottesville

August 2022 - Current

Intended Major: CS & Commerce

Riverside High School / Academies of Loudoun

August 2018 - June 2022

Unweighted Cumulative GPA: 4.1 / 4.3

PROJECTS

Radon Research project — ArcGIS

- Inquired the relationship between air radon level and distance to major water bodies through ArcGIS
- Proved significant relationship between independent and dependent variables through data filtering through ArcGIS and analysis through Excel

SKILLS

STEM problem-solving

Communication skills

Leadership experience

Bilingual in Mandarin & English

Critical thinking & creativity

Strong adaptability

AWARDS

President Award

NASA Earth System Science
Project Award

Virginia Lakes & Watersheds
Association Certificate of
Outstanding Achievement
Junior Award

Geospatial Analysis Award
Outstanding Achievement

Regional Water Prize Award

CODING PROFICIENCY

- Java (intermediate)
- C++ (self-learner)

ACTIVITIES

- 3D printing club
- Table tennis club UVA
- Digital painting