

MICHELLE SHEN

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EDUCATION

Thomas S. Wootton High School

2016 – 2020

Science, Technology, and Research Signature Program

GPA: 4.00; WGPA: 4.83

Courses: AP Physics Mechanics and E&M, AP Chemistry, AP BC Calculus, AP Computer Science Principles

EXPERIENCE

Research Intern, AEOP REAP Program, The Hur Lab at Johns Hopkins, 2019 Summer

- Studied the application of inertial focusing and microfluidics to layer-by-layer deposition on particle

Research Intern, Ludwig Cancer Research Center at Johns Hopkins School of Medicine, 2018 Summer

- Analyzed and compared protein samples with HPLC machine for biomarkers indicative of cancer

President, Wootton Math Honor Society, 2019-Present

- Coordinate over 100 society members in tutoring all math levels

Wootton Chemathon Team, 2016-Present

- Compete in chemistry competition involving chemistry concepts and skills

Science Bowl A-Team, 2018-Present

- Develop and expand knowledge on wide range of science topics through trivia type STEM questions

Planning Committee, CodeDay DC, 2018-Present

- Contact sponsors, communicate with food vendors for quarterly Codeday Hackathons to promote computer science education

ADDITIONAL EXTRACURRICULAR ACTIVITIES

Co-President, Wootton Academic Decathlon Team, 2016-Present

- Lead and prepare a team of 15 to participate in 10-event state and regional competitions

Co-President, Wootton Red Cross, 2016-Present

- Plan bi-annual school blood drives; most successful school blood drive in county for past 2 years
- Raise money and donate supplies to local homeless shelters and hurricane relief efforts worldwide

Tutor, Chinese American Parent Student Association, 2014-Present

- Assist Chinese immigrants in adjusting to life in the United States by preparing them for US Citizenship Test and finding jobs through Praxis, 473E examinations and mock interviews

HONORS

- National AP Scholar 2019
- Chemathon, 4th and 5th place overall 2017-2019
- Academic Decathlon State Champions 2016-2019
- Overall Individuals 4th Place, Academic Decathlon Regionals 2018
- Bronze President's National Service Award; Recognizes more than 600 SSL hours 2017
- Rockville American Chinese School Class of 2016 Valedictorian 2016

OTHER

- Interests: Playing the Flute, Reading
- Languages: Chinese (fluent), Spanish (basic)