

Keltin Grimes

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EDUCATION

- Student at William G. Enloe Magnet High School GT/IB Center for Humanities, Sciences, and the Arts, graduating Spring 2019
- 4.5625 Weighted GPA, 19th Class Rank (Top ~5%)
- Relevant Coursework: AP Calculus AB/BC, Calculus III, Differential Equations, AP Physics I, Advanced Computer Science, IB Further Math, AP Statistics

ACADEMIC ACHIEVEMENTS

- 36 ACT Composite, February 2018
- 1560 SAT Score (800 Math, 760 Reading & Writing), December 2017
- 2017, 2018 AP Scholar Award, with Distinction in 2018
- Scored 5 on AP Exams for Calculus AB/BC, Macroeconomics, Physics I, and Environmental Science
- National Academy of Future Scientists and Technologists Award of Excellence for “outstanding academic achievement, leadership potential and determination to serve humanity in the field of science and technology”, 2017

RESEARCH AND WORK EXPERIENCE

- Research internship at the North Carolina State University Department of Statistics under Dr. Brian Reich, February 7-November 4, 2017
 - Completed an individual research project to predict features of a home based on a fungal swab of the house, used R to build the prediction model, also fluent in 7 other coding languages
 - Presented a research poster at the 2017 State of North Carolina Undergraduate Research and Creativity Symposium titled “Inferring Home Features from Indoor and Outdoor Microbial Fungi”
- Research Internship at Laber Labs under Dr. Eric Laber, September 3, 2017-Present
 - Currently assisting a project to improve NFL play-calling using the video game Madden, using Python to build the data-collection framework and the prediction model, briefly worked on a project to improve Zillow’s home pricing estimator
- Laboratory internship at the South Korean Daegu-Gyeongbuk Institute of Science and Technology Department of Energy Science and Engineering under Professor In, June 26-July 27 2018
 - Developed materials for photo-conversion of CO₂ to methane or ethane for fuel, used R to analyze the results of experiments and properties of the materials, lived and worked at the South Korean campus
- Developed an asset management system for the North Carolina State University Department of Materials Science and Engineering, April 13, 2018-Present
 - Used HTML, PHP, SQL, and CSS to build the interface, saves the department large amounts of time

ATHLETICS

- Played for Enloe Men’s Varsity Soccer team, 2015-2018
 - Qualified for state playoffs the first three years, my main positions are striker and right-back
- Played travel club soccer since 2011, for Triangle Futbol Club Alliance and North Carolina FC
 - Won or placed in multiple various tournaments

EXTRACURRICULAR ACTIVITIES

- Played violin since 2nd grade, member of the Enloe Chamber Orchestra 2015-2019
- Vice President of the Enloe Political Satire Club 2017-Present, help organize and run monthly meetings where we write satirical show scripts
- Main hobbies are golfing and skiing

REFERENCES

- To be provided upon request