

# 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
- 4.56 Weighted GPA, 19<sup>th</sup> Class Rank (Top ~3%)
- Relevant Coursework: AP Calculus AB/BC, Calculus III, Differential Equations, AP Physics I, Intro to Computer Science

## 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
- 1480 PSAT/NMSQT (750 Math, 730 Reading & Writing), Fall 2017
- 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 EXPERIENCE

- Research internship at the North Carolina State University Department of Statistics under Professor Brian Reich and Professor Eric Laber, since February 2017
  - Actively involved in the research process, assisting a project to improve NFL play-calling using the video game Madden, and completed an individual project to predict features of a home based on a fungal swab of the house
  - 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”
  - Used R and Python to analyze and develop models of data, also fluent in C++, html, and CSS
- Laboratory internship at the South Korean Daegu Institute of Science and Technology Department of Energy Science and Engineering under Professor In, June 26-July 27 2018
  - Developing materials for photo-conversion of CO<sub>2</sub> to ethane for fuel

## ATHLETICS

- Played for Enloe Men’s Varsity Soccer Team 2016-2018, Junior Varsity 2015
  - Main positions are striker and right-back
- Played travel club soccer since 2011, for Triangle Futbol Club Alliance and North Carolina FC

## EXTRACURRICULAR ACTIVITIES

- Played violin since 2<sup>nd</sup> grade, member of the Enloe Chamber Orchestra 2015-2019
- Vice President of the Enloe Political Satire Club 2017-2018, helped organize and run monthly meetings where we write satirical show scripts

## REFERENCES

- To be provided upon request