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## Education

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- Purdue University, West Lafayette, IN
  - Projected graduation in 2021
  - College of Science
    - Majoring in Computer Science
- Moorestown High School, Moorestown, NJ
  - Graduated 2017
  - AP Scholar with Honor
- Lockheed Martin Engineering Seminars
  - Attended Systems Engineering, Game Design, Web Design, and Software Engineering

## Programming Experience

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- Honors Programming
- AP Computer Science
- AP Computer Science Principles
- Multiple bots for the VOIP/Instant Messaging Social Platform, Discord
- Competed in programming competitions – most notably Code Quest at Lockheed Martin (2016, 2017), Widener University (2015, 2016, 2017-9<sup>th</sup> place), P Classic at UPenn (2015, 2016)

## Leadership Experience

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- Led the Moorestown Programming Club as president in 2016-17
  - Increased membership from 10 to 23
  - Curated and organized programming club competitions
  - Taught weekly lessons in Java 8 to students who had limited programming experience
- Administrate and moderate several public Discord communities
- Head Moderator and Administrator on a YouTube channel and a Discord community for a successful internet content provider with over 13,000 followers

## Personal Projects

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- Developed a lexical analyzer and interpreter for my own programming language in Java SE 8
- Developed a Discord bot feature which takes a script as input and generates a branching text adventure in Java SE 8
- Developed a basic game engine utilizing only the default libraries of Java SE 7
- Conducted pro bono bug testing for a massive multiplayer online game