

# Devan Kavalchek

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**Github:** <https://github.com/devanturtle7>

## Education

**Rochester Institute of Technology, Rochester, NY**

August 2020 - May 2025

- Pursuing Bachelors in Software Engineering
- Member of codeRIT

**Andrews Osborne Academy, Willoughby, OH**

2018 - 2020

**Montessori High School, University Circle, OH**

2016 - 2018

## Projects

**Genetic Algorithm - Machine Learning Program**

- A machine learning algorithm based on evolution, nature, and survival of the fittest.
- Developed with Python.
- Built to teach myself more about machine learning.

**Corner Clerk - iOS/Android App**

- **ClayHack2020 Winner: Best Project Design**
- Developed as an iOS and Android Application
- Architected with Flutter
- Developed to make grocery shopping much more convenient for college students

**Firefly - iOS/Android App**

- Developed as an iOS and Android Application
- Architected using Flutter and the Philips Hue API
- Allows users to control smart lights with their phone

## Volunteer Experiences

**ClayHack, Rochester, NY - 2020**

- Participated in an 8 hour hackathon
- Collaborated with a friend and developed an iOS and Android application using Flutter
- Won Best Project Design

**Ludum Dare 39 - 2017**

- Participated in a 72 hour game jam/hackathon
- Architected a video game using Unity and C#

**World Maker Faire, New York City, NY - 2016**

- Volunteered at World Maker Faire in New York City
- Helped set up events and booths

## Relevant Coursework

- Software Development & Problem Solving I
- Project-Based Calculus I
- Web & Mobile I
- Computing Exploration Seminar
- Introduction to Cybersecurity
- AP Computer Science Principles

## Programming Languages

Python  
Dart  
Javascript  
Unity C#  
HTML  
XML  
CSS

## Frameworks/ Libraries

Flutter  
Firebase

## Tools

Git  
Command Line  
VS Code  
Vim

## Skills

- Proficient in test driven development  
- Detail oriented  
- Excellent collaborative skills

## Awards

ClayHack 2020 - Best Project Design