

# Ryan Driver

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🔗 <https://github.com/SugarCabinet>

## Education

<b>Bachelor's Degree in Computer Science, Minor in Applied Mathematics</b> <i>Edinboro University</i>	2018 – present
<b>Bachelor's Degree in Software Engineering</b> <i>Gannon University</i>	2017 – 05/2018

## Projects

### Investifull

*Python, Fortran, SQLite*

Improved tools for the topological analysis of a fullerene by creating a python program that interfaces with a spiral algorithm in Fortran and an SQLite database. Providing the user with an efficient method to analyze and store data on the topology of a fullerene.

### Blackjack App

*Java, Android Studio*

Developed a Java app that allows the user to fully simulate a four-deck blackjack game and place bets on each hand outcome.

### Trivia Quiz App

*Java, SQLite, Android Studio*

Developed a trivia app in java that stores questions and answers in an SQLite database. The user can quiz themselves on the stored trivia questions or manage the database and add their own questions.

## Academics

### Computer Science Club President

President of the Edinboro University Computer Science Club.

### Programming Team

Competing member of the Edinboro University Programming Team.

### Deans List

Achieved dean's list multiple semesters.

## Courses

Software Engineering • Data Structures & Algorithms • Database Management • Mobile App Development  
Web Programming • Artificial Intelligence • Computer Architecture • Object Oriented Programming

## Skills

### Programming Languages

- C++
- Java
- Python
- Kotlin

### Android App Development

- Java
- Kotlin
- Android Studio

### UML and Modeling Languages

### Web Programming & Design

- HTML
- CSS
- JavaScript
- React

### Version Control

- Git
- Github

### Visual Studio

### Database Managment

- SQL
- MySQL
- SQLite

### Object Oriented Programming

- OOP
- Design Patterns

### Amazon Web Services