

Cody Argyle

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Summary

Highly motivated and hard working Computer Engineer with mechanical experience. Expected graduation spring 2023.

Education

2017–Current **Bachelors in Computer Engineering**, *University of Utah, Salt Lake City, Expected graduation spring 2023.*

2016–2017 **General Education**, *Utah State University.*

2011–2014 **High School Education**, *Davis High School, Regent Scholar, Congressional Nomination for West Point and Air Force Academies.*

Experience

2017–Current **Server/Bartender**, *P.F. Changs/Olive Garden.*

2016–2017 **Solar Sales**, *Brio Energy/Vivint Solar.*

Automotive **Mechanically inclined**, *excellent with working on large systems with many mechanical components, repaired and restored many automobiles.*

Electric Car **University of Utah Formula E Racecar Team**, *Tractive Group, Design and build an Electric Formula 1 style racecar, currently simplifying wiring harnesses for monitoring systems, and low voltage systems.*

Courses

- o Computer Science- *Objective Oriented Programming, Introduction to Algorithms and Data Structures, Software Practice, Computer Systems, Digital System Design with respective labs*
- o Electrical and Computer Engineering - *Computer Design, Introduction to Circuit Design, Intro to Electric Circuits, Fundamentals of Engineering Electronics, Beginner Soldering, Imbedded Systems with respective labs*
- o Math and Physics- *Pre-Calculus, Calculus I, II, III, Physics for Scientists and Engineers I, II, Differential Equations and Linear Algebra*

Projects

- o Online multiplayer video game using TCP server - excel type spreadsheet with different classes for formulas, evaluating, and cell dependencies - Dynamic memory Allocator - Shell - traffic driving video game using from scratch designed Block-RAM, ALU, Registers, and VGA - data structures such as: binary search tree, hash tables, priority queues
- o Senior Project- *starting development of a custom delivery drone able to travel a loaded coordinate map without collision*

Software

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|------------|----------------|
| o VS Code | o Quartus |
| o Eclipse | o Matlab |
| o LT Spice | o Eagle/Fusion |

Languages

- | | |
|----------|-----------|
| o C# | o Java |
| o C | o Verilog |
| o Python | |