

# David Clark

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## Education

Brigham Young University  
B.S. degree, Computer Engineering  
Estimated Aug 2021  
Provo, UT

- ECEN 427 Linux-Based Embedded Systems CS 340 Software Design and Testing ECEN 327 Computer Organization
- Developing a digital Barometric Gauge System for BYU's physics department
- Coded Touchscreen Whack A Mole game, unbeatable tic tac toe, laser tag system
- BYU Linux Club, SWE
- Ported Zephyr to the HALucinator Project
- Created a basic Twitter app using AWS services

## Programming languages

- Arduino, C, C++, Python, Java, Assembly Language, Vivado, PowerShell

## Experience

Physics Electronic Support Lab, Brigham Young University  
*Lab equipment specialist*  
Dec 2019-Present  
Provo, UT

- Repair damaged and malfunctioning electrical equipment, design Printed Circuit Boards (PCBs) in Autodesk Eagle
- Learn and utilize various technical equipment such as Zurich lab's Multifunction Impedance Analyzer (MFIA)
- Enjoys problem solving on the electronics used and as a team with the department

Provo Bicycle Collective  
*Assistant Programs Manager*  
Jun 2018-Feb 2019  
Provo, UT

- Repaired and maintained bicycles
- Coordinated volunteer opportunities for the community, oversee 10 - 20 volunteer bicycle mechanics during tri-weekly volunteer sessions.

Lavell Edwards Stadium Management, Brigham Young University  
*Event Staff*  
Aug 2018-Apr 2019  
Provo, UT

- Managed large crowds, resolved conflicts among stadium patrons
- Developed customer service skills by making sure customers had their needs met

Synergy Companies  
*Assistant warehouse manager*  
Jun 2014 - Jun 2018  
San Diego, CA

- Repair, replace, and relocate various commercial and industrial HVAC equipment

## Personal

- Was cake donut specialist for BYU Bakery