

# Jacob R. Nielson

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## Education

**Code To Success Summer Boot Camp**, Skyridge High School, Lehi, Ut. Aug-2018

**American Fork High School**, American Fork Ut. May-2019

- Member of award winning Marching Band
- Orchestra
- computer science career pathway completionist
- High School Diploma

**Snow College**, Ephraim Ut. Present

- Japanese II skipping Japanses I due to previous experience
- computer science major expecting graduation by 2025

## Technical Skills

**Languages:** JavaScript, Python, Java, HTML/CSS, PHP, Swift, C++, C#, C

**Operating Systems:** Windows, Mac OS, Linux

**Databases/Tools:** Visual Studio, Xcode, Eclipse, excel, Github,

**Multilingual:** Japanese 5 yrs. Spanish ethnically. Beginner Korean.

## Projects

- Created a Choose Your Own Adventure story with pictures and colored text using python.
- made a class-based farming simulator program in python
- Developed a product management site using React.js
- Built a Flappy Bird game with pictures in Java
- Helped with HTML/CSS/JS for [www.ghostconcealmentshop.com](http://www.ghostconcealmentshop.com)
- ToDolist program in C# including a menu with arrow keys.

## Experience

**Blue Raven Solar**, Orem, Utah - Proposals coordinator II April 2022 - Present

- Calculating and generating solar proposals including quotes and layouts for installation.
- creating designs to be used throughout the entirety of a project's life cycle.
- Trained multiple new hires.
- Spearheaded multiple projects for my department.

**Church of Jesus Christ of Latter-Day Saints**, Washington March 2020 – March 2022

- full time missionary

**Code To Success**, Skyridge High School, Lehi, UT June 2018 – August 2019

- Learned HTML 5, Scss, JavaScript, Redux, and React.js



**CyberPatriot cyber security conference** January 2019 - February 2019

- My team advanced to the semifinals on a national level
- searched for security vulnerabilities on various platforms, including Linux, and windows.

**Megaplex theaters, Lehi** March 2019 - August 2019

- Concessions - taking orders, preparing orders, sweeping oil changing, popper filling, and general maintenance.
- food Court - preparing orders, making food.
- training - trained 4 people from the time of hiring.

**Wendy's, Highland, UT** June 2018 - october 2018

- Front counter - taking, and preparing, orders.
- Dining room vacuuming, sweeping, mopping, changing the garbage bins,
- Restroom cleanup - including cleaning sinks, unclogging toilets, cleaning urinals, sweeping, mopping, cleaning the mirror, and changing the garbage if needed.
- Food Prep
- Fryer Cook - frying prep, loading products, replacing oil, and cleaning the fryer.
- Drive through - taking and delivering orders.
- General dishwashing

**Arby's, American Fork** January 2018 – May 2018

- Front Counter, Dining Room, Customer Service, Fryer, Drive Through, and team events.
- Dealt with dissatisfied customers, and fixed any problems occurred during their visit.
- Trained a new hire.
- In a team of three, helped fix the lighting system for the drive through menu.