



Natalie Farnsworth

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LinkedIn: www.linkedin.com/in/natalie-farnsworth

GitHub: <https://github.com/njf26>

Skills

- *Coding:* C++, C, Java, HTML/CSS, Javascript, Dart, Python, SQL
- *Frameworks and tools:* Vue, Flutter, Git

Personal Projects

- Personal website natworth.com
- Collection of Flutter apps from online course in Flutter mobile development
- Knights - Mobile game app built using Flutter
- Tab organizing browser extension built with Vue framework

Education

BRIGHAM YOUNG UNIVERSITY

AUGUST 2016 TO PRESENT

EXPECTED GRADUATION APRIL 2022

- B.S. in Computer Science: Software Engineering, Minor in Mathematics
- Junior, GPA: 3.90
- *Coursework:* Data Structures (C++), Computer Systems (C and Unix), Discrete Mathematics, Web Programming, Advanced Programming Concepts (Java), Algorithm Design and Analysis

Experience

RESEARCH ASSISTANT IN THE USABLE SECURITY AND PRIVACY LAB

APRIL 2020 TO PRESENT

Dr. Daniel Zappala: zappala@cs.byu.edu

Currently working on a team developing an authentication system that eliminates the need for passwords. Created a browser extension that allows a user to be automatically authenticated into websites. Became proficient in Flutter app development and I am assisting in building several mobile apps for the project.

COMPUTER SYSTEMS COURSE TEACHER'S ASSISTANT

DECEMBER 2019 TO APRIL 2020

Dr. Eric Mercer: egm@cs.byu.edu, Dr. Chris Archibald: archibald@cs.byu.edu

Lead weekly group study sessions as well as assisted students one on one to understand course material and debug code. Graded projects, homework, and exams.

CALCULUS 1 COURSE TEACHER'S ASSISTANT

AUGUST 2019 TO DECEMBER 2019

Corrected homework and provided feedback to students.

Community Service

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

AUGUST 2017 TO FEBRUARY 2019

DOMINICAN REPUBLIC SANTO DOMINGO WEST MISSION

Became fluent in Spanish. Served 5 months in a Mission Office leadership position where I coordinated medical needs and appointments for other missionaries.