

# Kaleb Bickmore

Millcreek, UT 84107

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## EDUCATION

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### Utah State University

*BA in Computer Science : Software Engineering*

**Logan, UT**

*December 2018*

- Made Honor Roll during Senior year

## EXPERIENCE

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### University of Utah

*Software Engineer*

**Salt Lake City, UT**

*June 2019 – September 2019*

- Developing web interfaces using Typescript and Python.
- Using D3.js libraries to create useful diagrams and data analysis.
- Designing code architecture for code readability and reuse.

### Varex Imaging

*Software Engineer*

**Salt Lake City, UT**

*March 2019 – June 2019*

- Designing easy to use User interface in native Python using PyQt5.
- Developing algorithms for automating x-ray tube tuning.
- Reading and Writing from SQL database.

### Space Dynamics Laboratory

*Student Software Engineer*

**Logan, UT**

*June 2018 – March 2019*

- Developing QT applications in C++ and Python
- Collaborating in small team of four
- Versioning software using Git and Subversion

## SKILLS

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### Course Work:

Data Structures

Advanced Algorithms

Information Retrieval

Computer Vision

Linear Algebra

Object O. Programming

Discrete Mathematics

Intelligent Systems

### Programming experience:

Python

C

C++

Java

QT

HTML/CSS

Typescript

Node.js

D3.js

Tensorflow

## PROJECTS AND LEADERSHIP EXPERIENCE

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### CatOmatic

- Trained a convoluted Neural Network model to process images and turn on a diode when it saw a pet.
- Programmed servo functions using code design patterns to move the camera and laser.

### OSSO Volunteer

- Volunteered at special needs orphanage in Quito, Ecuador.
- Organized daily activities for children