



Kaleb Bickmore













Software Engineer

-  Salt Lake City, UT
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Social Networks —

-  kaleb-bickmore
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-  kaleb_bickmore

Coding Skills —

-  Python 
-  C/C++ 
-  HTML/CSS 
-  SQL 
-  Java 
-  Javascript 

Education

- 2014 – 2018 **Bachelors of Computer Science** Utah State University
Emphasis: Software Engineering
 - Studied ABET accredited curriculum for computer science
 - Competed in Hack-a-thon events annually

Working Experience

- 2019-Current **Software Developer** Allstate
 - Constructed C APIs connecting legacy code to new Python Libraries
 - Collaborated in Agile Sprint development cycles
 - Performed black box testing prior to production releases
- 2019 **Software Developer** University of Utah
 - Developed web applications using Typescript and Flask API
 - Used D3.js libraries for useful diagrams and data analysis
 - Designed code architecture for code readability and reuse
- 2019 **Software Engineer** Varex Imaging
 - Composed intuitive interfaces in Python using PyQt5 framework
 - Refined algorithms for automating x-ray tube tuning
 - Created SQL databases for login information

Projects

- CatoMatic** Python
 - Adapted convoluted neural network model for pet detection
 - Integrated raspberry pi with servos, camera, and laser
 - Programmed using design patterns to allow code extension
- Sudoku Solver** Java
 - Developed a fast Sudoku puzzle solver using Java
 - Used Template method pattern to allow different sudoku solving strategies
 - Maintained code integrity with 100 percent code test coverage