Kaleb Bickmore

Software Engineer

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Social Networks —

- kaleb-bickmore
- kaleb-bickmore
- kaleb_bickmore

Coding Skills ——

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

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	**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

2018 – 2019	**Student Software Engineer**	Space Dynamics Laboratory

- Programmed QT applications in C++ and Python
- Maintained Legacy C++ code
- Versioned software using Git and Subversion

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