

Bradley Snyder

brs80@ziips.uakron.edu

(330) 730-6771

Education

The University of Akron,

Akron, Ohio

Bachelor of Science in Computer Science,

Graduation:

August, 2019

Woodridge High School

Peninsula, Ohio

Graduation:

August, 2013

Relevant Coursework

Algorithms, Artificial Intelligence, Cloud Computing, Compiler Design, Internet Systems Programming, Parallel Programming, Software Engineering, Windows Programming

Projects

- **Blackjack Artificial Intelligence** - Blackjack machine learning algorithm with 40% win rate (Python)
- **Seam Carving** - bitmap image resizing using lossless compression algorithm (C++)
- **Quick Bucket Sort** - a test of using mergesort and quicksort together with CUDA opposed to quicksort alone (C++)
- **Secure IoT messaging** - Message passing to Raspberry Pi using secure MQTT (C++)
- **English to Source Code Bar** - asynchronous search bar for programming manuals with C++, Python, and Java (NodeJS, HTML, CSS)
- **Web-based Project Manager** - web based employee progress tracker (JavaScript, CSS, HTML, PHP, SQL)
- **Xamarin Calculator** - Cross platform based calculator application (C#)
- **Compiler** - Syntax tree, lexer, parser, and type system for C language(C++)