

Jeff Feldmann

OBJECTIVE:

Seeking an engaging and challenging career in Software Development.

LINKS:

Website: www.knapsnack.net
GitHub: www.github.com/Knapsnack

EDUCATION:

The Ohio State University, May 2018
Bachelor of Science in
Computer Science and Engineering
Mathematics Minor

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PROJECT EXPERIENCE:

Image Compression Analysis Tool:

I designed and helped a team of four build a system Using C# and .NET to take files of medical images and run diagnostic tests on them. The system outputs data files on the detail loss and file size savings on any sets and combinations of compression algorithms you want.

Personal Mobile App Design Project:

I built a app which can randomly generate a solvable puzzle of any dimensions of the classic "lights out" game. The game can also show you what you need to do to solve it from any game state, of which there are 2^n different combinations. With a large enough board, my app can solve a puzzle that has more different states than chess.

Hackathon Survey Application:

I built a working prototype of a survey system app where an admin user can upload a survey (like a straw poll) and then distribute it among a selected group of people on their mobile devices. The poll results could then be stored on a local account where the poll results can be archived and viewed with previous polls.

Malware Project:

Using C and C++, I helped build a system that lets a user use a shell for another computer remotely. This process is hidden from the main computer, including from the process list. My job was to build the parser that takes commands from the remote computer and executes them on the host.

SKILLS:

Languages:	C#, Java, Python
Operating Systems:	Windows, Linux, Chrome OS
IDEs:	Visual Studio, Eclipse, Unity, Android Studio
Databases:	MySQL, Microsoft Excel, Google Sheets