Paul Tilley

Binghamton University — ptilley1@binghamton.edu — pixlark.github.io

🎓 Education

Binghamton University, Watson School of Engineering
Bachelor of Science in Computer Science **Graduating May 2022**

🖥 Technical Skills

Languages (from most to least experienced): C/C++, Python 3, Go, C#, Rust, Haskell, Scheme
Proficient in a Linux environment, especially C-related—lots of experience with Make, GDB, and Valgrind.

🔧 Engineering Experience

Badge pixlark.github.io/Badge **April-July 2019**

A fully-featured programming language. Interpreter written in C++. Large project—around 3 KLOC.

Residential Technical Consultant (ResCon) **2019**

Work for the University as a technical consultant covering the entire Susquehanna community. Lots of face-to-face interaction with clients while fixing their computers, setting up their televisions, etc.

Ludum Dare **2016-2019**

Participated in six Ludum Dares since 2016, a Game Jam contest where the goal is to program an entire video game in 48 hours. Submissions under the username *pixlark*.

LUMA Projection Arts Festival **2019**

One of a three-man team of students from Binghamton University creating an attraction for the 2019 LUMA festival. Contributed programming (in C#) and wrote all the music.

Brainf*ck Compiler github.com/pixlark/bf-compiler **January 2019**

A compiler that compiles the esoteric language Brainf*ck into x86_64 assembly language.

Tech Contributor at Pipe Dream Newspaper **2019**

Involves sysadmin work managing the server, IT work fixing people's computers, and development work on the website.

🏅 Competitions

ICPC Greater NY Regionals 2018—Team Bearkittens **November 2018**

Out of the three teams sent by Binghamton, our Freshman/Softmore team did the best.

5th Place—Bloomberg CodeCon @ Binghamton 2018 **November 2018**

Won a ticket to Bloomberg's NYC CodeCon Finals in February 2019.

Bloomberg Codecon Finals **February 2019**

Traveled to NYC to participate. Placed 98th.

♣ Clubs

Binghamton ACM — E-Board Member
Main duties involve event organization and planning CS lessons for students. **2019**
HackBU
Participated in HackBU's 2019 hackathon with a team of four people. **2019**