

Gage Golish

<https://cs.indstate.edu/~ggolish>
ggolish@sycamores.indstate.edu

Education

Indiana State University

- M.S. Computer Science
Expected May 2020
Current GPA: 3.95
- B.S. Computer Science
May 2018
Major GPA: 3.8

Core Skills

General Purpose Languages

- C (*fluent*)
- Python (*fluent*)
- C++ (*proficient*)
- Bash Script (*proficient*)
- Java (*past experience*)

Machine Learning

- PyTorch (*proficient*)
- TensorFlow (*proficient*)
- Keras (*proficient*)
- NumPy (*proficient*)
- R (*past experience*)

Web Development

- JavaScript (*proficient*)
- NodeJS (*proficient*)
- PHP (*past experience*)
- MySQL (*past experience*)

Experience

Graduate Assistant..... Indiana State University *Aug. 2018 – Present*

- Taught undergraduate computer science courses, including Computer Science II (sophomore level), Principles of Structured Design (elective), and Video Game Programming (summer honors)
- Performed various departmental tasks, including recording programming demos, updating computer science wiki, holding hours in UNIX lab, and developing instructor programs

Undergraduate Lab Assistant Indiana State University *Sept. 2016 – May 2018*

- Assisted both graduate and undergraduate students with computer science coursework
- Helped to maintain UNIX lab

Undergraduate Researcher Indiana State University *May 2016 – Aug. 2016*

- Configured and fine-tuned 3D printers, and assessed their usefulness to the university
- Used CAD software to design and print specialized components for research experiments

Projects

NEATpy Spring 2019
A python module for evolving neural networks using genetic algorithms with a C++ back end

Definite Integral Approximator Fall 2019
A program for numerically approximating n -dimensional definite integrals written in C

EXT2 I/O Library Fall 2017
A C library for reading and writing files directly from and to an EXT2 filesystem