

Henry Stachowiak

Local: Boston, MA | Permanent: Glen Ellyn, IL | Stachowiak.h@northeastern.edu | (630)-234-9491
github.com/hstack858/Projects | Availability: January - August 2021

EDUCATION

Northeastern University, Boston, MA Sept. 2019 - Present
Khoury College of Computer Sciences Expected May 2023

Candidate for a Bachelor of Science in Computer Science

Honors: GPA: 3.73/ 4.00, National Merit Scholarship Recipient, Honors Program, Dean's List

Activities: Pep Band, Chess Club, Super Smash Bros Club

Relevant Courses: Algorithms and Data Structures, Object Oriented Design, Fundamentals of Computer Science I and II, Mathematics of Data Models, Logic and Computation, Discrete Structures, Intro to Cybersecurity

TECHNICAL SKILLS

Languages: Java, Python, Dart, Scheme, Lean

Operating Systems: Windows, Linux

Technologies: Git, Android Studio, Flutter, JUnit, Eclipse, IntelliJ, VirtualBox, Jupyter Notebook, VS Code

PROJECTS

Roommate Cost Analysis Tool Sept. 2020 - Present

- Records the usage of shared commodities and returns the amount each roommate owes
- Built with object oriented design in Flutter/Dart and implements an interactive GUI

Minesweeper Game April 2020

- Remake of the classic game Minesweeper
- Made in Java using Eclipse IDE

N Bullets Game Feb. 2020

- Player shoots bullets at moving targets which explode into more bullets when hit
- Implemented in Java using Eclipse IDE
- Employs the Big Bang library to fluidly animate gameplay

Neural Network Digit Guesser March 2020

- Uses a 100 neuron neural network to determine the identity of a hand drawn digit
- Built in python in a Jupyter Notebook

WORK EXPERIENCE

Summer Science Camp Counselor, **Morton Arboretum**, Lisle, IL June 2018 - Aug. 2020

- Led environmental science classes and activities for 15 children aged 5 through 14
- Constructed and explained experiments in over ten different camp genres
- Made twists on classic games 2 - 3 times daily to keep the children entertained

Eagle Scout, **Boy Scouts of America**, Glen Ellyn, IL May 2012 - April 2019

- Planned the troop and patrol meetings and campouts as a Patrol Leader twice a month
- Taught scouting skills to dozens of younger scouts as Troop Guide

Fundraising Leader and Tutor, **Glen Ellyn Children Resource Center**, Glen Ellyn, IL Sept. 2016 - April 2019

- Provided elementary students from low-income families with support in math and literacy
- Organized and led a supply drive to secure the supplies needed by 110 students

INTERESTS

Saxophone, Outdoorsmanship, Chess, Tennis, Alternative Music, The Bachelorverse