

TONY ZHAO

(267) 699-6181 | zhao.to@northeastern.edu | Boston, MA

Available: July - December 2022

EDUCATION

Northeastern University, Boston, MA	Sept 2020 - Present
Khoury College of Computer Sciences	
Candidate for a Bachelor of Science in Computer Science	Expected May 2024
GPA: 3.1/4.0	
Relevant Courses: Algorithms and Data Structures, Computer Systems, Object Oriented Design, Foundations of Cybersecurity, Database Design	

TECHNICAL KNOWLEDGE

Languages:	Python, Java, SQL, C++ (Arduino), Scheme (Racket)
Systems/Software/Tools:	Visual Studio Code, Eclipse, IntelliJ, Windows, Ubuntu/Linux, Excel, Adobe Creative Suite, Oracle VirtualBox

PROJECTS

Image Processor - Java	December 2021
o Built user interactable graphical based image editor using JFrame for Java	
o Scoped program appropriately in pair programming using MVC design	
o Designed several algorithms to handle filtering and image manipulation	
Language Trigram-Model Predictor - Python	December 2021
o Developed a program to accurately predict the language of a document	
o Utilized several fundamental libraries, such as NumPy for data modeling	
o Visualized predictions with built in graph plotting using MathPlotLib	
Simon Says Game - Arduino	November 2020
o Created an interactive electronic game in a cooperative team project	
o Developed features based on client requests through prototyping	
o Integrated Arduino code into physical wiring using a variety of electronics	

EXPERIENCE

Office Research Assistant - School of Public Policy and Urban Affairs	Sept - Dec 2021
o Aided Northeastern professor with a current research project	
o Collected, analyzed, and updated over 600 points of data using Excel	
o Communicated with professor concerning progress and scope succinctly	
Sales Associate - Target Rittenhouse Square, Philadelphia, PA	June - Aug 2021
o Operated and communicated with a team on a variety of responsibilities	
o Resolved guests concerns and questions concerning Target services	

INTERESTS

Exercise, Graphic Arts, Conversing in Mandarin, User Interface and Experience, Cultural Exchange