

# TONY ZHAO

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Available: July - December 2022

## EDUCATION

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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

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

## PROJECTS

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<b>Personal Website</b>	February 2022
o Developed a personal website using Sass, CSS, and HTML	
o Designed animations and layouts to create a streamlined user experience	
o Leveraged knowledge in design principles and web-dev fundamentals	
<b>Image Processor</b> - 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	
<b>Language Trigram-Model Predictor</b> - 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	
<b>Simon Says Game</b> - 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

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<b>Office Research Assistant</b> - School of Public Policy and Urban Affairs	Sept - Dec 2021
o Collected, analyzed, and updated over 600 points of data using Excel	
o Communicated with professor concerning progress and scope succinctly	
<b>Sales Associate</b> - 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

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