

7607 W Stonegate Dr
Zionsville, IN, 46077

Will Tyler

(317) 519-3967
will.tyler11@gmail.com

Objective

To use my education, skills, and experiences as a computer scientist and software developer to make a lasting impact in the field of computer science and the world.

Education

Purdue University	Major	Computer Science	
	Minor	Mathematics	
		Entrepreneurship Certificate	August 2017
	Tracks	Machine Intelligence	- May 2021
		Software Engineering	
	GPA	3.96	

Projects

Emoji Detector	Used a Core ML model, along with Swift and Xcode to create and build an iMessage app that analyzes the user's facial features to predict Emojis that best fit their expression. Open source, available on the App Store, and built entirely without Storyboard files.
GroupMac	Used the AppKit framework, Swift, and Xcode to build a GroupMe desktop client for macOS. Allows users to view conversations, like/unlike messages, and send messages in an app with a similar look and feel to GroupMe. Open source and built without Storyboard files.
Mission Control	Used Angular CLI 6 to produce static web files that serve as a personal, customized homepage with quick access to the web.
GitHub Pages	My resume, GitHub, and email can be found on my personal website that was also built with Angular CLI 6. On my GitHub, additional projects can be found, such as a Swift library.

Skills

Languages		Tools
Swift	Git & Github	Jetbrains IDEs
Java	LaTeX	Xcode
C	Bash	Visual Studio Code
TypeScript	Vim	GDB
HTML & CSS	Angular CLI	

Coursework

Complete	Current
CS 180 - OOP in Java	CS 250 - Computer Architecture
MA 165 - Calculus I	CS 251 - Algorithms and Data Structures
CS 182 - Discrete Math and Applications	ENTR 200 - Entrepreneurship and Innovation
CS 240 - Programming in C	MA 261 - Calculus III
MA 162 - Calculus II	

Employment

CS Bridge Program - Teaching Assistant		
Returned to Bridge (previously a student) to assist incoming freshmen with no programming experience in learning Java and adapting to college life. Delivered several short presentations, including how Java is compiled and run.		August 2018
Rush On Main - Chef		
Prepared food to order to be served to customers.		June 2016 - July 2016