GitHub — willtyler98
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Will Tyler

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Objective

To use education, skills, and experiences in a summer internship in order to make a significant difference in a company and the fields of computer science and software development.

Education

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

Projects

Emoji Detector	Used a Core ML model, Swift, and Xcode to create and build an iMessage app that analyzes the user's facial features to predict Emojis that best fit his or her expression. Open-source, available on the App Store, and built entirely without Storyboard files.	June 2018
GroupMac	Utilized the AppKit framework, Swift, and Xcode to build a GroupMe desktop client for macOS. Users can 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.	July 2018
Mission Control	Created an Angular CLI project to produce static web files that serve as a personal, customized homepage with quick access to the web. Implemented a pop-up form to add new links. Source code accessible on GitHub.	May 2018
GitHub Pages	Developed personal website with Angular CLI. Source code for this project is available on GitHub.	Aug 2018

Skills

Languages		Tools	Strengths
Swift	Git	Jetbrains IDEs	Problem Solving
Java	GitHub	Xcode	Analytical Thinking
C	Bash	Visual Studio Code	Communication
TypeScript	Vim	GDB	Abstraction
HTML && CSS	Angular CLI	LaTeX	Teamwork

Experience

Purdue Computer Science — Teaching Assistant

Returned to the Bridge Program (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. — Aug 2018

Rush On Main — Chef

Prepared food to order to be served to customers. Worked as a team with other chefs to establish an enjoyable, Chicago-themed restaurant environment. — June 2016 – July 2016

Coursework

Complete	Current
CS 180 — OOP in Java	CS 250 — Computer Architecture
CS 182 — Discrete Math and Applications	CS 251 — Algorithms and Data Structures
CS 240 — Programming in C	CS 291 — Career Development
MA 165 — Calculus I	ENTR 200 — Entrepreneurship and Innovation
MA 162 — Calculus II	MA 261 — Calculus III