Tyler Dakin

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Education

Current Education – University at Buffalo   May 2023

Bachelor of Science in Computer Science

Relevant Coursework: CSE116, CSE191, CSE220, Calculus I, Calculus II

Gowanda High School   June 2019

Graduated with 98.73 Average

Relevant Coursework: Java Programming, Public Speaking;

college-courses offered by Jamestown Community College

Experience and Personal Projects

<u>Entropy – Random TV Episodes</u>   August 2018 – Present

Creator and *iOS Developer*

- Written in Swift aside from third-party libraries

- Used a wide variety of different concepts and elements to improve functionality and user experience

-Recently updated to support iOS 14 with SwiftUI Widgets

- <u>Published on App Store</u> after beta testing with TestFlight

<u>Smaller Projects</u>   September 2019 – April 2020

- <u>War Simulator (Python)</u>: Simulates several games of the card game, War, with up to 10 computed players

- <u>Bracket (Python)</u>: Takes a .csv file as input and, in a March Madness bracket fashion, has the user choose the better of two subjects and continues this process until the desired amount of "winners" is found

- <u>SMPL News (Swift)</u>: SwiftUI app to retrieve news, made as a further introduction to SwiftUI

<u>High School Substitute</u>   January 2020 - Present

- Forestville High School: Spent time working during 2019-2020 Winter Break, may return during future breaks (depending on other opportunities). Helps develop leadership, professionalism, and confidence.

Skills

Proficient with Swift, Python, Java, Scala

Experience with C, HTML, CSS, JavaScript and familiar with Git and Bash

Video Editing and some Graphic Design