

## 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*

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### Experience and Personal Projects

#### Entropy – Random TV Episodes

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
- Published on App Store after beta testing with TestFlight

#### Smaller Projects

September 2019 – April 2020

- War Simulator (Python): Simulates several games of the card game, War, with up to 10 computed players
- Bracket (Python): 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
- SMPL News (Swift): SwiftUI app to retrieve news, made as a further introduction to SwiftUI

#### High School Substitute

January 2020 - Present

- Forestville High School: Spent time working during 2019-2020 Winter Recess with plans to return during future recesses (depending on COVID). Helps develop teaching experience.

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### Skills

Proficient with Swift, Python, Java, Scala

Familiar with Git and Bash

Experience with C, HTML, CSS, JavaScript

Video Editing and some Graphic Design