Bryan Kahl

COMPUTER SCIENCE STUDENT

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SUMMARY

A motivated and dedicated student pursuing a B.S. in Computer Science and a Minor in Mathematics with a keen interest in advancing to an M.S. in the Computer Science. Attains two years of hands-on coding experience in Python, Java, C++, and Swift coupled with a strong drive for ongoing learning and skill enhancement. Eagerly seeking a summer internship opportunity to cultivate proficiency in additional programming languages and further refine problem-solving abilities.

EDUCATION

Bachelor of Science, Computer Science   May 2026

Monmouth University | West Long Branch, NJ

Relevant Coursework: Data Structures and Algorithms, Enterprise Mobile iOS Apps, Advanced Object Oriented Programming & Design, Advanced Computing, Computer Architecture

GPA: 3.40/4.00

KEY SKILLS

Languages: Python, Java, C++, Swift, HTML, CSS, Assembly Language

Web Technologies: HTML, CSS, JavaScript

Operating Systems: Windows, macOS

Frameworks: UIKit, SwiftUI

Tools: Google Colab, Eclipse, Visual Studio Code, XCode, GitHub

RELEVANT PROJECTS

SwellUpdate App | Monmouth University   **Fall 2024**
- Developed an iOS app in **Swift** that provides Surf Forecast for spots around the world using TabBarController navigation
- Presents worldwide surf spot data along 3 tabs including table view of surf spots, favorites tab of spots, and a map
- Incorporated ForecastDetailViewController to present spot conditions upon navigation from ForecastTableViewController or MapViewController. Allows users to upload media to specific spots

Personal Portfolio Project   **Spring 2024**
- Designed a responsive layout using **HTML** and **CSS** for optimal viewing on various devices to showcase projects
- Integrated links to external resources including a resume, GitHub profile, and LinkedIn
- Incorporated navigation functionality and section organization for easy navigation and accessibility
- Utilized **JavaScript** for interactivity and enhanced user experience, with potential for future expansion and improvement
- Displayed a menu of options and allow the user to search for books after constructing the list of books

Bestsellers Project | Monmouth University   **Spring 2023**
- Designed a program in **Python** allowing users to search books that appeared in the New York Times best seller lists
- Input the data set from bestsellers.txt and construct a list of books
- Displayed an appropriate exception error message and halt the program if the list of books cannot be constructed to set price

PROFESSIONAL EXPERIENCE

Lifeguard   June 2020 - Present

Ship Bottom Borough | Ship Bottom, NJ

- Prioritize making live-action and life-saving decisions based on the daily water conditions
- Administer first responder skills such as First Aid and CPR to provide optimal support to individuals
- Educate patrons on safety protocols and enforce safety rules to ensure a pleasurable environment for all
- Oversee the safety of guests in the ocean and on the beach by actively monitoring the swimmers to identify distress

CERTIFICATIONS

- Advanced First Aid for Non-EMS Personnel, American Safety and Health Institute, April 16, 2023 - Active

LEADERSHIP AND CAMPUS INVOVLEMENT

Vice President of Surf Club, Monmouth University, 2024