

Kate Song

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Kate is a passionate computer science student dedicated to creating delightful websites, apps, and programs.

KEY SKILLS

Java

C

HTML/CSS

JavaScript (jQuery)

R/RStudio

Swift

Python

IntelliJ

VSCode

XCode

Supabase

Git

Adobe Premiere Pro

Microsoft Excel Expert

Linux

EXPERIENCE + PROJECTS

GitHub links are provided.

iOS Apprenticeship - Carolina App Team

September 2023 - Present

Engineered mini-projects utilizing SwiftUI framework; Participated in brainstorming for client-focused app ideas; Collaborated on innovative iOS mobile application concepts

Dream Journal App

Oct 2024 - Present

Developed intuitive iOS app for dream logging with calendar integration; Implemented OpenAI API for manual dream interpretation; Crafted whimsical UI enhancing user experience

Unable to add GitHub link due to "Secret" files from API and database usage

[Akari Game](#)

December 2023

Architected Java-based recreation of Akari puzzle game; Implemented Model-View-Controller design pattern for structure; Utilized JavaFX library to create customizable, friendly interface

[Animals of the Arctic Website](#)

April 2024 - May 2024

Constructed informative dashboard-style website using JavaScript, HTML, and CSS; Integrated interactive elements including audio, buttons, and image mapping; Utilized Flexbox for responsive layout and Flourish for dynamic data visualization

[PinterestUI Recreation](#)

November 2023

Engineered accurate recreation of Pinterest's UI using SwiftUI; Implemented complex grid layout for dynamic content display; Refined UI/UX elements to mimic original platform functionality

President + Editing Chair, Unicorn Kpop Dance Team

July 2023 - Present

Produced high-quality performance videos using Adobe Premiere Pro; Enhanced visual appeal through advanced color grading techniques; Managed YouTube channel, garnering hundreds of views per video

EDUCATION

University of North Carolina at Chapel Hill

B.S Computer Science

Statistics Minor

GPA - 3.709

RELEVANT COURSEWORK

Discrete Mathematics

Data Structures

Linear Algebra

Introduction to Decision Analytics

System Programming Fundamentals

Models of Language and Computation

Introduction to Data Science