

PALMER OKAI

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EDUCATION

CONNECTICUT COLLEGE, New London, CT

Bachelor of Arts expected May 2026

Major: Computer Science

Minor: Architectural Studies

GPA: 3.93

Honors: Dean's High Honors (2x) · Dean's Honors

Relevant Courses: Robotics · Computer Organization · Web Technologies and Development · Data Structures · Discrete Mathematics · Introduction to Computer Science

Technical Skills: Java · Python · Swift

RELATED EXPERIENCE

Darts Scoreboard, Personal Project

Fall 2023-Present

Developer

- Drafting and outlining program structure, UI appearance, and features for a darts scoring and statistic tracking app
- Utilizing Swift and SwiftUI to code frontend and backend functionalities
- Debugging and creative problem solving to create solutions for problems that arise

Vermont Law and Graduate School, South Royalton, VT

Summer 2023

IT Helpdesk Intern

- Investigated and resolved technology related support tickets
- Supported the A/V department with organizational needs and troubleshooting
- Communicated with faculty, staff and students to mediate their concerns and problems
- Collaborated with supervisor and peers to ensure appropriate staff was assigned to tickets
- Collected and compiled old and unwanted tech for reuse and eCycle program
- Imaged laptops for new user use

Movie Database, Data Structures, Connecticut College

Spring 2023

Developer

- Collaborated with team to design and implement a program for users to create and manage a watchlist, view movie ratings, and manage their account
- Documented the development process on paper and within code
- Utilized Java to design object oriented product
- Harnessed understanding of data structures to implement and utilize various structures
- Debugged and problem-solved to ensure smooth and efficient operation of program

Gradebook Program, Introduction to Computer Science, Connecticut College

Fall 2022

Developer

- Collaborated with a team to design a program for student use to calculate, view, and predict grades
- Drafted structure for functions and user interface on paper
- Utilized Python to code functions and user interface
- Debugged and problem-solved to ensure smooth and efficient operation of program
- Documented development process within code

“Finding the Escalators of Vermont”, VT

Winter 2022 - Spring 2022

Filmmaker

- Collaborated and strategized with team to create filming schedule and work out logistics
- Produced, filmed, and edited short documentary about public escalators in Vermont
- Utilized iMovie to review and edit over 5 hours of footage into a cohesive film
- Presented film to Freedom and Unity Young Filmmaker Contest and awarded “People’s Choice Award”

Freddie Mercury Videobook - converted encyclopedia entries into video for startup

Spring 2021 - Summer 2021

Project Editor

- Reviewed pre-existing footage for a documentary portraying the life of Freddie Mercury
- Identified relevant clips to reflect life lows and highs
- Utilized iMovie to compile clips into a short documentary-style film
- Drafted and revised voiceover script to compliment footage
- Collaborated with team to revise film and ensure compliance with copyright laws and project goals
- Presented documentary as concept example to potential investors and secured funding to move startup forward

LEADERSHIP EXPERIENCE

Squash Club, Connecticut College

Fall 2023 - present

Founder/Member

- Propose and draft constitution for a formal Squash Club at Connecticut College
- Promote the club to increase membership across the community
- Collaborate with executive board members to schedule practices, events, and strategic meetings
- Lead practices and coach new players on rules, technique, and strategy

ADDITIONAL EXPERIENCE

*Event Staff/Field House Monitor
Referee*

Connecticut College Athletic Department, New London, CT
New Hampshire State Referee Committee, Manchester, NH

Fall 2022 – present
Spring 2017 - Winter 2022

INTERESTS

Darts · Soccer · Squash · Reading · Legos