

Jared Kozar

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Website: <https://jaredrkozar.com/> | LinkedIn: <http://www.linkedin.com/in/jaredkozar> | GitHub: <https://github.com/jaredrkozar>

TECHNICAL KNOWLEDGE:

Languages: Swift, UIKit, SwiftUI, React, Java, Python, HTML, CSS, JavaScript, Object-oriented programming

Programs: Xcode, Git, GitHub, Sketch, Adobe Photoshop

Technologies: MVC, MVVM, Auto Layout, CocoaPods, Storyboards, Core Data, RESTful APIs, AVKit, AVFoundation, VisionKit, Core Graphics

EDUCATION:

University of Hartford, West Hartford, CT

September 2019-May 2023

Dual Major: Bachelor of Science, Computer Science, and Bachelor of Arts, Multimedia Web Design & Development

Overall GPA: 3.88, summa cum laude

Awards and Honors:

- Fall 2019 - Spring 2023 Dean's List with President's Honors
- Recipient of 4 year Merit President's Scholarship

PERSONAL PROJECTS:

SimpleNotes (<https://github.com/jaredrkozar/SimpleNotes>):

March 2022-Present

- Developed an iOS app using Swift, UIKit, and SwiftUI to allow users to take notes using their iPhone, iPad, or Mac
- Created a custom drawing engine using bezier paths and Core Graphics to allow drawing, highlighting, and inserting text and straight lines
- Utilized the Google Drive and Dropbox CocoaPods/APIs (along with iOS' networking and concurrency APIs) to allow users to upload and download notes and documents to cloud services

VisionText (<https://github.com/jaredrkozar/VisionText>)

June 2021-October 2021

- Created an iOS app with Swift and UIKit to allow users to extract text from any image or PDF, which can be read aloud at an adjustable speed, pitch, and volume
- Supports many of iOS' native accessibility features, such as Dynamic Type and VoiceOver
- Added functionality to let users import images by scanning documents, from the photos library, the Files app, or via drag and drop from another app
- Implemented Core Data to quickly save, update, sort, and retrieve documents
- Designed a native iPhone, iPad, and Mac UI programmatically, with support for toolbars, multiple windows, and context menus
- Wrote unit and implementation tests so the application would work reliably and efficiently for all users

EXPERIENCE:

Technology Leadership Development Program Intern, Travelers Insurance

June 2022-August 2022

- Wrote a full stack application using Node and Express to collect data from 4 internal services for debugging user accounts
- Leveraged AWS Lambda to migrate Node.js backend service to a cloud-based architecture, removing the need to pull from a developer's local machine
- Designed an easy to use and responsive UI using React and CSS so engineers can easily debug user accounts without having to run a script

Computer Science Peer Tutor, University of Hartford

October 2022-May 2023

- Chosen by the head of CS department to tutor 5 students per week in web development, Java, and data structures
- Reviewed course material and helped students develop homework and test-taking strategies

CS 220 Data Structures and Algorithms Teaching Assistant, University of Hartford

August 2022-December 2022

- Attended all classes and held office hours twice a week to assist students who needed clarification on code and concepts taught in class
- Checked student work for completeness, plagiarism and functionality