

Arber Jonuzi

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EDUCATION

University of Wisconsin – Madison

June 2022 – May 2025

B.S Computer Science

Madison, WI

Minor in German

Clubs: Web Development Club, Albanian-American Student Organization

SKILLS

- Languages: Python, Swift, Java, JavaScript, HTML/CSS, R, x86 Assembly Language
- Frameworks: Django, SwiftUI
- Development Tools: Git/GitHub, VS Code, Eclipse, Xcode, Google Cloud, jGRASP

EXPERIENCE

Xygos

June 2023 – Present

iOS Developer

Madison, WI

- Collaborated in a startup with 4 colleagues to create an iOS app that helps students learn college-level math in a more robust and time-efficient manner, minimizing the use of textbooks and other online resources.
- Designed and developed the basic calculus rules that would be displayed on the user's view on their iOS device.
- Created a graphing tool UI using the Beizer curves that display equations on a user's device to a graph implementing calculus rules on. Developed similar functionality to Desmos.

PROJECTS

Flight Generator

- Collaborated in a group of 6 to read a DOT file list of 1250 domestic US airports and the distances between them.
- Using Dijkstra's algorithm, the user was assisted in finding the shortest airport path, given their starting and ending destination node, and found the shortest distance between the two using the algorithm.
- Developed the frontend of the app that read in the 1250 airports and divided them into 4 subcategories to display on the screen.
- Administered incoming lists of domestic US airports from a DOT file which got passed to the backend
- Maintained all java files through Git using the bash terminal within a shared repository.

Personal Website

- Developed personal website using HTML/CSS while implementing JavaScript
- Designed the professional layout of the website using extensive CSS techniques
- Collaborated with 1 colleague with extensive knowledge in Web Development
- Maintained via the GitHub web server

LANGUAGES

- English: native speaker and grew up in the United States
- Albanian: professional working proficiency, raised by ethnic Albanian household
- German: professional working proficiency, taken high school and university courses for 6 years