

Kevin Tran

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EDUCATION

University of Florida

Bachelor of Science in Computer Science, GPA: 3.84, Dean's List

Gainesville, Florida

Expected June 2026

Relevant Courseworks

Discrete Mathematics, Linear Algebra, Data Structures and Algorithms, Computer Organization, Operating Systems

Awards

First Place Winner in the Microsoft Xbox Game Design Challenge for ShellHacks 2022

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript, HTML, CSS

Frameworks: React, Node.js, MongoDB, WordPress

Developer Tools: Git, Github, Netlify, Firebase, Visual Studio Code, PyCharm, IntelliJ, Eclipse

EXPERIENCE

IT Technician

September 2022 - May 2023

University of Florida - Computing Help Desk

Gainesville, FL

- Diagnosed and troubleshooted technological issues for faculty, staff and students through both walk-in assistance and online chat services
- Provided consulting and training support to instructors using E-Learning services including Canvas, Respondus, Turnitin and Qualtrics
- Worked under a supervisor to escalate software configuration, connectivity and authentication issues to the appropriate IT group

Teacher Assistant

May 2023 - August 2023

University of Florida - Data Structures and Algorithm summer course (COP3530)

Gainesville, FL

- Led weekly discussion sessions for a cohort of 30 students, providing reviews and clarifications on important topics and concepts related to Data Structures and Algorithms
- Evaluated student coding projects, offering detailed grading assessments and addressing inquiries or disputes via email correspondence.
- Collaborated with a team of TAs to develop supplementary learning resources including coding examples, practice problems, and study guides to enhance students' preparation and success in the course

PROJECTS

SpotifyViz | *Python, Bootstrap, Javascript, Spotify API, Firebase*

- **Built a web application** that presents users with a personalized playlist of recommended songs via an **interactive network visualizer**
- **Implemented depth first search and breadth first search** along with a customized **graph** to generate a playlist of similar songs based on user-requested musical elements
- **Utilized Firebase Database, Bootstrap and d3.js library** to showcase the musical connections of different songs in the playlist via an interactive network visualizer

Tic Tac Club | *Javascript, HTML, CSS, Football API*

- **Developed a web application** for users to play Tic-Tac-Toe in the format of a soccer match
- Enabled users to select from a collection of over 450 soccer clubs through the integration of **Football API**
- **Implemented an AI player** with four different difficulty levels using the **minimax algorithm**
- Won the **Microsoft Xbox Game Design Challenge** in the **2022 ShellHacks contest** out of **67 submissions**

Fitness Database | *React, ExerciseDB API, Youtube API, Netlify*

- **Engineered a dynamic web application** empowering users to discover workout exercises tailored to specific body parts and equipment preferences
- **Leveraged the React framework** to design the search engine, enriching the user experience with seamless interactivity and responsiveness
- **Integrated ExerciseDB and Youtube API** to showcase 2D instructional animation and tutorial videos for the requested exercises