

Evangelos Kontonotas

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EDUCATION

University of Central Florida

Bachelor of Science in Computer Science, GPA: 3.5

Orlando, FL

Aug. 2021 – May 2024

EXPERIENCE

Software Engineer

Aug 2022 – Jul 2024

University of Central Florida - Center for Distributed Learning

Orlando, FL

- Participated in Full Stack development on Obojobo, an existing online learning application used by 80,000 students and 11,000 faculty members
- Added new functionality to Learning Tools Interoperability Library by modernizing its implementation. This allowed for proper user authentication, integration with Canvas, and faster gradebook syncing
- Designed and implemented improvements to editor dashboard on the frontend to improve user experience
- Developed an accessibility feature in assessment editor that provided faculty clarity for the various methods of answer inputs
- Implemented auto-save functionality in the editor app, enhancing user experience and reducing data loss risks.
- Responded to design update requests from numerous professors, adding course achievement badges, removing outdated materials, and reorienting existing layouts
- Contributed to multiple hiring windows as an interviewer to help screen candidates for culture fit and technical skills

PROJECTS

KnightroGrade - Automatic Code Grader | *React, PostgreSQL, Express, Node, Docker, GCP* March 2024

- Played a pivotal role in the development of a code submission and grading tool with a team of four engineers, aimed at optimizing University code evaluation workflow
- Facilitated the design and implementation of the endpoint routes on the backend, ensuring efficient handling of code submissions, user authentication, and grading functionalities
- Cooperated closely with the frontend team to establish seamless communication between the frontend and backend, assisting in integrating backend endpoint routes with the frontend components

Between Shows | *React, React Native, Express, MongoDB, Tailwind* July 2023

- Worked with a team of five other developers to make a Letterbox clone with a React frontend, Express backend, and a MongoDB database
- Orchestrated web application profile pages, search functionality, and TV shows page while integrating backend operations with the database to correctly present shows, user profile statistics, and search capabilities
- Helped mobile team to transfer these web pages to the application while maintaining functionality

Scribe | *React, Python, Whisper AI, ChatGPT* July 2023

- Collaborated with two other developers to make an application that transcribes audio from recorded meetings using Whisper AI and formatted with ChatGPT
- Devised structure of application, including recording, transcription, and exporting processes
- Optimized prompt input and formatting for ChatGPT to follow its token limit, enhancing program efficiency and performance
- Utilized React to develop a frontend, transforming the processes of various scripts to a whole web application

Slack Overflow | *HTML/CSS, Python, Django* March 2023

- Participated in a four-member team that developed a Stack Overflow-style environment using a Slack bot and Django web app, promoting effective knowledge sharing and collaboration
- Engineered a Slack bot with the capability to process user commands and deliver requested information effectively
- Utilized Slack API to create commands that would connect to the Django site to pull information upon user's request

TECHNICAL SKILLS

Languages: Java, Python, PHP, C/C++, SQL (Postgres, MySQL), JavaScript, Typescript, HTML/CSS, MongoDB

Frameworks: React.js, Node.js, Vue.js, Flask, Material-UI, Django, Express.js, Redux

Libraries: pandas, NumPy, Matplotlib