
LUKE WEIDNER

513-446-9378 | weidnerluke@gmail.com

Education

Georgia Institute of Technology, College of Engineering

Computer Engineering, Expected in 01/2024

- GPA: 3.90
- Focuses in Distributed System and Software Design and Devices
- Recipient of Gill-Elliot, NKY Society of Professional Engineers, and Trenwa scholarships

Skills

- Expert: Typescript, JavaScript, React, React Native, Node JS
- Advanced: AWS Suite (Amplify, S3, DynamoDB, Lambda, MediaConvert, AppSync, IAM, Cognito, CloudFront, CloudWatch, API Gateway, EC2, Rekognition), Swift, Java, MongoDB, HLS Video Streaming, Figma, GraphQL, Git
- Intermediate: Python, C/C++, MIPS ISA, RFID read/write, Android Studio, Photoshop, Illustrator, Premiere

Experience

CHIEF TECHNOLOGY OFFICER | 06/2020 - 01/2022

Kleo Language Learning - Cincinnati, OH

- Oversaw the system architecture of a two-year-old start-up company valued at \$5,000,000
- Onboarded, led, and managed the tasks of a team of 4 cross-functional software engineers
- Communicated the business applications, benefits, and downsides of technical decisions

DIRETOR OF ENGINEERING | 06/2020 - Current

- Fully rebuilt a language learning platform, replacing the work of a team of 12 full-time software engineers
- Designed a backend architecture to handle user authentication, data distribution, and conversion, organization, and storage of over 3.7M files, totaling 8.8TB of data
- Oversaw development, testing, and rollout of a language learning iOS app to simulate natural conversation with a native speaker through interactive video
- Utilized speech to text technology and developed language processing algorithms to recognize user intent in speech
- Built algorithms to handle the preloading and streaming of sets of HLS videos that, when pathing between non-pre-specified options of videos, consistently display unrecognizable delay
- Developed a robust administrator panel with over 133,000 lines to optimize complex data design and organization
- Designed relational data structure and built data validation tool to ensure the correct schema, field values, and relational couplings across 92 data tables

SOFTWARE ENGINEER | 01/2020 - 06/2020

United Property Group - Cincinnati, Ohio

- Designed and developed a wireframe real-estate management app to present to investors

SOFTWARE ENGINEER | 01/2019 - 01/2020**CinciTech - Cincinnati, Ohio**

- Built a web app to scrape data from state legislatures and designed visualizations to provide meaningful insights into updates to education legislature to help schools stay on top of recent changes

CO-FOUNDER | 01/2019 - 01/2020**CrowdClips LLC - Cincinnati, Ohio**

- Developed an Android and iOS app supporting video recording and upload
- Utilized facial and sentiment analysis and label detection to develop an algorithm to find the "most exciting" videos
- Implemented all legal and financial steps to create an LLC business
- Pitched to the Atlanta Falcons and FC Cincinnati organizations