Luke Weidner

Website: lukeweidner.site

EDUCATION

Georgia Institute of Technology
2020 to 2024 (Expected)

Bachelor of Computer Engineering, *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

Languages: Typescript/Javascript   React/React Native   Java   Python   Swift   C/C++

Platforms/Frameworks: AWS Suite   Clean Architecture   GraphQL   NodeJS   MongoDB   Git

Design: Figma   Photoshop   Premiere   Illustrator

Hardware: RFID   MIPS ISA

EXPERIENCE

Kleo
Cincinnati, OH

Chief Technology Officer
June 2020 to January 2022

— Oversaw the system architecture and development process of a 3 year old startup valued at $5,000,000
— Managed a team of 4 multi-disciplinary software engineers in 2 locations (Ohio, Michigan)
— Served as an intermediary between departments, communicating business consequences of development decisions
— Led the development, testing, and rollout of a language learning platform focussing on interactive video

Director of Engineering
June 2020 to Present

— Fully rebuilt a platform previously made by a team of 12 full-time software engineers
— Engineered a backend architecture to handle user authentication, data distribution, video conversion, and storage of 4M+ objects, totaling 9.1TB of data
— Developed a robust administrator panel of over 133,000 lines, reducing content creation time 10x
— Led the development of a video production tool suite, cutting production time 5x for 300+ hours of video
— Designed a data structure and validation tool to ensure the correct schema and relational couplings across 92 data tables
— Utilized speech to text technology and developed language processing algorithms to recognize user intent in speech
— Built algorithms to handle the preloading, streaming, and pathing between dynamically changing sets of HLS videos to consistently display unrecognizable delay (~13ms)

CrowdClips
Cincinnati, OH

Founder
September 2016 to Present

— Created a platform for crowd-sourcing video content at events, which the Atlanta Falcons (AMBSE) have shown interest in
— Utilized facial recognition, sentiment analysis, and label detection to develop an algorithm to find the "most exciting" videos

Freelance Development
Cincinnati, OH

United Property Group
January 2020 to June 2020

— Designed real-estate management and communication app wireframe to present to investors

Abre/CinciTech
June 2019 to August 2019

— Built a web scraper to aggregate legislative data on education policy for 6 states into a single database

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