











David Benjamin

Software Engineer

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Languages

 JavaScript	 Rust	 YAML	 Lua	 Markdown
 TypeScript	 Go	 Svelte	 Python	 Bash

Current Projects

hifi.rs a high resolution Qobuz streamer built in Rust	stream-cv Playing around with Rust, libav (ffmpeg), opencv and multithreading	resume This is the code for my resume site.
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Education

Bachelor of Arts in Film and Video Production MIAMI INTERNATIONAL UNIVERSITY OF ART & DESIGN • MIAMI, FLORIDA

Work Experience

Contract / Self-employed

May 2009 → Present

ACCOMPLISHMENTS

- ▶ Original web version of Jumanji Run game for the movie release
- ▶ A distributed kiosk quiz experience for BlackHat conference
- ▶ A talking robot gif generator for the Netflix show Glow
- ▶ Wizard of Oz 50th Anniversary site

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Little Cinema Digital

SHORT TERM CONTRACT

February 2022 → August 2022

SENIOR VIDEO ENGINEER

ACCOMPLISHMENTS

- ▶ Researched and wrote RFC for a WebRTC deployment with multiple options and the pros and cons of each.
- ▶ Designed a WebRTC infrastructure based around LiveKit
- ▶ Gave presentation on WebRTC technology to engineering team
- ▶ Constructed UI components within their current application to support the WebRTC infrastructure
- ▶ Wrote AWS CDK to deploy the LiveKit infrastructure along with their current stack
- ▶ Transferred knowledge to team when contract ended

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Supergroup

November 2019 → November 2021

SENIOR FULLSTACK DEVELOPER

ACCOMPLISHMENTS

- ▶ Delivered quality code for client projects
- ▶ Built new and maintained current features for Playboy.com
- ▶ Transferred knowledge to new team at Playboy.com via working sessions
- ▶ Built reesesbookclub.com
- ▶ Built tool to search subreddits for keywords and sentiment
- ▶ Redesigned company stack to be easier to deploy and more developer friendly

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EsportsOne

April 2018 → November 2019

SENIOR FULLSTACK DEVELOPER

ACCOMPLISHMENTS

- ▶ Rebuilt original computer vision processor, basically converting it from C# and needing to be manually operated through Remote Desktop to a Go codebase with higher performance and much lower resource requirements.
- ▶ Built a UI dashboard to display real-time information from a League of Legends computer vision processor
- ▶ Built a Twitch.tv extension, both ui and backend, to display real-time data about the League of Legends match currently being played on stream

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Union + Webster / The Craftsman Agency

July 2013 → March 2016

TECHNICAL LEAD

ACCOMPLISHMENTS

- ▶ Lead all tech efforts within organization
- ▶ Collaborated with account managers to refine their ideas into buildable products
- ▶ Wrote code for, deployed and maintained nearly all development projects

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Ignition Interactive

March 2012 → March 2013

SENIOR INTERACTIVE DEVELOPER

ACCOMPLISHMENTS

- ▶ The Last of Us game web site
- ▶ The Hunger Games movie web site
- ▶ Arrested Development "You're Going to get Some Walk Ons" contest site
- ▶ Dodge Dart relaunch crowdfunding site