Oliver Bell

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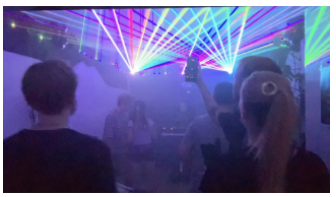
obell.dev • youtube.com/@freshollie • linkedin.com/in/ol-bell

Software Engineer with 8 years' experience, transitioning to a full-time career in the live events industry. Designed, built, and operated a 27-fixture lighting rig over Art-Net/DMX at self-run shows. Installed and operated show lasers at a family music festival. Proficient with LAN networking, soldering, and troubleshooting under pressure.

Portfolio

Home Rave - Technician & Promoter | *March 2024 - Present*

homerave.live/series • **youtu.be/n0BqVNxBdHQ**





- A multi genre series of electronic music events
- Designed, curated, built, and operated solo
- Captivate 2.0 for lighting control + custom additions
- Distribution via a single Art-Net node and DMX universe
- 27 fixtures: beams, washes, strobes, spiders, lasers
- Operated using a wireless MIDI controller
- Lighting profiles designed for operation without a screen
- Filmed and edited into multicam showcases

Bellfest 2026 - Laser Technician | *July 2026*

youtu.be/okwrd4BmDyo



- Family live music festival, 17 lights + 2 lasers
- Installed and safely operated 2 x 3W show lasers
- Laser control via DMX using Captivate
- Cued from keyboard hotkeys following show notes
- Assisted AV setup and teardown
- Wolfmix W1 with wireless DMX for lighting
- Behringer X32 with digital stage boxes and in-ear monitors for sound

Employment

Field - Senior Software Engineer | *June 2023 - Present*

- Foundational product engineer of the Battery Energy Storage Operations Platform
- Designed and produced the inhouse Operations Console to control their algorithm

Field - Software Engineer | *June 2022 - June 2023*

Bulb Energy - Software Engineer III | *November 2020 - June 2022*

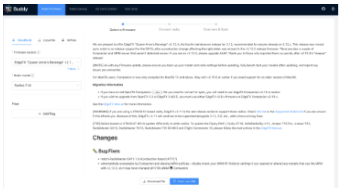
YOOX Net-a-Porter Group - Software Engineer | *May 2019 - November 2020*

Alelion Energy Systems GmbH - Intern Software Engineer | *August 2017 - September 2018*

Software

EdgeTX Buddy | *December 2021 - Present*

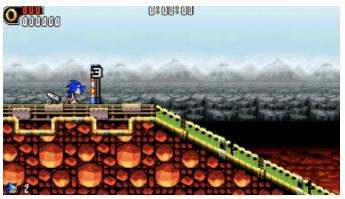
buddy.edgetx.org



- Small application to upgrade firmware (EdgeTX) on RC controllers via USB
- Recruited by the EdgeTX team to replace their legacy application
- Likely has 100k+ users worldwide

Sonic Advance 2 | *March 2022 - Present*

github.com/SAT-R/sa2



- Founded the Sonic Advance Trilogy reverse engineering project
- Spent 500+ hours hand reverse engineering Sonic Advance 2 to C code (pre-AI)

Interests/Skills

- Lighting
- Audio
- Electronics (inc Soldering)
- Networking
- Electronic Music
- Programming
- Video production (youtube)
- Reverse engineering
- Embedded systems
- UI design
- FPV RC

Part-time

- UK Home Cinemas (installs) *2015 - 2019*
- Delaware North (events staff) *2018 - 2019*
- Compass (events staff) *2016 - 2017*
- McDonalds *2013 - 2017*

Education

First class BSc (Hons) Computer Science
Coventry University
2015 - 2019

Computing
A Level (B), GCSE (A)

Maths
A Level (C), GCSE (A)*