Oliver Taylor-Jones

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PROFILE

BSc (Hons) Applied Computing graduate who builds and maintains software people actually use. I have released Windows and Android apps with signed updates, and built Python automation for my own home server. At work I wrote a Python tool that handles car-park booking QR codes. Looking for a junior software developer or graduate role where I can keep learning from experienced engineers. Currently employed; two weeks' notice.

PROJECTS

CluckyLens – daily technology briefing (Windows, Android, web) | Electron, Android, Python
Picks the stories that matter from around ten sources and adds a line on why each matters. Released with signed updates; in-app breaking-news alerts limited to three a day.

CluckyMedia Desktop – branded app for a home media server (Windows, Android) | Jellyfin, Electron, Android
Windows installer, updater and Android app around Jellyfin, with signed updates. Each installer upgrade is tested in Windows Sandbox before release.

Media Production Controller – safe video compression (Windows) | Python, PowerShell, SQLite, FFmpeg
Persistent queue that runs one HEVC encode at a time, validates the result and only then replaces the original. 1,643 files completed.

Pi Status – server health page (Raspberry Pi) | Python, HTML, CSS
One page for server health, backups and job progress, used daily to watch ten services. Demo: github.com/Clucky7/pi-status-demo

PixelRemote – Android remote desktop app | RustDesk, Flutter, Rust
Changes to the open-source RustDesk app: monitor switching, zoom persistence, reconnect behaviour and the frame-rendering path. The upstream code is not mine.

TECHNICAL SKILLS

Languages: Python, JavaScript, PowerShell, SQL (SQLite), C# (Windows Forms, group project), HTML/CSS; Rust and Dart/Flutter (modifying existing code)
Web: HTML/CSS, Electron, Android. This portfolio site is hand-written HTML, CSS and JavaScript with no framework, a strict content-security policy and a responsive layout.
Tools: Git, Docker, Electron, Android, Linux (Raspberry Pi), Windows, FFmpeg
Practices: error recovery, backups, update signing and release testing, monitoring, plain-language documentation

EXPERIENCE

Supervisor, Retail Team May 2021 – Present
The Grand Pier, Weston-super-Mare

- Built and maintain a Python tool, in use since July 2025, that replaced hand-sending car-park QR codes: it reads a Microsoft 365 inbox, finds car-park orders, emails customers their codes and produces weekly and monthly reports. It has handled over 4,000 car-park orders.
- Run day-to-day retail operations and a team; train new staff; handle complaints calmly.

EDUCATION

BSc (Hons) Applied Computing, Second Class Honours (2:2) 2023 – 2025
University Centre Weston

- Programming, testing, project planning and web development. Group project (team of four): Quazy Quizzes, a C# quiz app; I built its Contact Us page with automated email and the lecturer statistics page.

T-Level: Digital Production, Design & Development (Merit) 2021 – 2023
Weston College

ACHIEVEMENTS AND INTERESTS

- Organised a fundraising event for the mental health charity Mind.
- Run a Raspberry Pi home server: networking, administration and maintenance. Interested in game development and UI design.

REFERENCES

Available on request.