Francisc Pap

Arklow, Co.Wicklow, Ireland   ferike.pap@gmail.com   +353 89 441 8000   ferikep.github.io/about-me-website

Education

Bsc Computer Science *Sept 2023 - present*
University College Dublin
First Class Honours 1:1

Leaving Certificate
Arklow CBS, Arklow
Leaving Certificate Points: 566

Skills

Programming/Languages: C, Java, Python, SQL, HTML, CSS
Concepts/Tools: Object-Oriented Programming (OOP), Docker, Linux Administration, Computer Networking
Systems: Unraid Array/Parity, SSD cache pools
Professional: Research skills, Communication, Teamwork

Projects

HomeLab Media Platform (Unraid, Docker, Plex) *Ongoing*

- Maintain a 20TB Unraid server hosting Plex for ~20 users; >99% uptime through monitoring, parity protection, and planned maintenance.
- Containerized services (Plex, Tautulli, Sonarr/Radarr) with Docker Compose.
- Implemented SSD cache and SMART monitoring. Automated backups to alternate PC.
- Enabled hardware-accelerated transcoding (Quick Sync), supporting up to 8 concurrent 1080p streams.

HexOust - Interactive JavaFX hex-grid strategy game

- Led a 3-person agile team to make a JavaFX hex strategy game with an axial grid engine, BFS capture logic and themed UI. We used fortnightly sprints, peer PR reviews and tests to ensure everything worked as intended.

Professional Experience

Delivery Driver *Summer 2025*
Local Restaurant, Arklow

- Employed by a local restaurant, had responsibilities such as route planning, safe and timely deliveries, cash handling and basic customer support.

Construction Assistant *Summer 2024/2023*
Small General Contractor, Arklow

- Employed by a small general contractor and worked on residential renovations. Managed site logistics such as material runs, inventory checks and daily cleanup. Coordinated with other tradesmen and homeowners to schedule tasks.

Honours

Entrance Scholar Award *2023*
University College Dublin

- UCD recognises incoming high-achieving students with the Entrance Scholar Award. This award is given to the Leaving Certificate entrant with the highest points from each school in Ireland, provided the score is at least 500 points.

Cothrom na Féinne Scholarship

University College Dublin

2023-2027

- Competitive access scholarship awarded to new full-time undergraduates entering UCD. Recognizes high motivation and potential in the face of barriers, with demonstrated financial need.