

# Timotei Stefan Izbasa

[contact@tste.dev](mailto:contact@tste.dev) | [linkedin.com/in/ste-t](https://linkedin.com/in/ste-t) | [github.com/ste-t](https://github.com/ste-t) | [tste.dev](https://tste.dev)

## EXPERIENCE

### Freelance Web Developer

2025 – Present

*Sound Watching Drum*

*Italy*

- Developed and deployed a responsive website for a local business using HTML, CSS, and JavaScript
- Handled domain registration and hosting via Aruba.it, including custom DNS and email setup
- Collaborated directly with the client to define requirements, implement features, and provide ongoing updates
- Live site: [swdrum.com](https://swdrum.com)

### Linux Server Administrator

2020 – 2021

*Freelance - Client Project*

*Italy*

- Provisioned and configured a cloud-based Linux VM for game server hosting
- Managed Docker containers, Nginx, TLS certificates, MySQL databases, and firewall configurations
- Implemented systemd services, cronjobs, and OS-level hardening to ensure automation and security
- Delivered a secure and reliable server environment tailored to client needs

## PROJECTS

### Interactive CNN Visualizer | *TensorFlow, Python, Three.js, TensorFlow.js*

2025 – Present

- Built a browser 3D interactive Convolutional Neural Network visualizer ([ai.tste.dev](https://ai.tste.dev))
- Trained the CNN using TensorFlow in Python and exported weights to JavaScript for real-time visualization
- Designed for educational purposes to help students understand the inner workings of CNN layers
- Held a presentation about computer vision technology, applications, future prospects, and ethical implications

### Portfolio Website | *Vite.js, Cloudflare, HTML, CSS, JavaScript*

2023 – Present

- Designed and developed a responsive personal website to showcase technical projects and experience
- Deployed the website and optimized for SEO and accessibility ([tste.dev](https://tste.dev))

### SeaJam Submission | *Godot*

2021 – 2021

- Created a 2D game focused on plastic pollution awareness for a fundraising Game Jam ([tste.itch.io](https://tste.itch.io))
- Handled design, development, and publishing under time constraints ([youtu.be/cPKeTf2BLMg](https://youtu.be/cPKeTf2BLMg))
- Contributed to TeamSeas' global efforts to remove over 34 million pounds of plastic from the ocean

### Tech Hobbies and Experiments

2019 – Present

- Performed forensic analysis on legacy Android phones using open-source tools and recovery techniques
- Experience with phone/laptop repairs and troubleshooting; experienced in soldering and disassembly
- Created and published Linux dotfiles for Arch-based environments
- Self-hosted Minecraft and web servers on Oracle Cloud Infrastructure

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, HTML, CSS, Bash, Shell, SQL, GDScript, C, C++

**Frameworks & Libraries:** TensorFlow, TensorFlow.js, Three.js, Playwright, Pygame, Godot

**Developer Tools:** Git, Docker, Nginx, Arduino IDE, VS Code, Visual Studio, Vim

**Platforms:** Linux, Google Cloud Platform, Oracle Cloud Infrastructure, Aruba hosting, Cloudflare

**Other:** Web development, Linux system administration, Hardware repair, Cybersecurity fundamentals

## LANGUAGES

**Italian:** Native proficiency

**Romanian:** Native proficiency

**English:** C1 - Advanced proficiency in academic and technical communication

## EDUCATION

### Liceo Scientifico Pitagora

Rende, CS

*High School Diploma (Expected June 2026)*

- Consistently maintained a perfect 10/10 grade (on the 1-10 Italian grading scale)
- Relevant coursework: Computer Science, Physics

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