

# Tonči Hrgović

## Experience

### 0.1.1 Freelance UX/UI Designer

**09/2023 – 05/2024, Osijek**

- Redesigned web flows and interfaces in Figma - Developed style guides and component libraries - Created a new Photo/Video portfolio section, enhancing - Managed client communications and project timelines from concept to delivery

### 0.1.2 mmWave Parking Solution Developer

**02/2025 – 09/2025, Osijek**

- Built a hands-on parking detection prototype using TI's AWR1843AOPEVM radar sensor and an STM32 Nucleo board  
- Created a Python script with AI assistance to capture and parse high-frequency radar data  
- Integrated ADC measurements from ground sensors for enhanced detection accuracy  
- Designed and deployed a Plotly Dash dashboard for live visualization

### 0.1.3 Vehicle Fleet Administrator, Hrvatski Telekom

**04/2019 – 09/2019, Osijek**

- Scheduled maintenance and tracked over 50 vehicles  
- Automated status reporting, delivering timely insights to management  
- Created Excel-based dashboards to monitor fleet performance

### 0.1.4 Bartender & Server

**2017 – 2021**

- Learned about user experience and customer psychology  
- Developed strong communication and teamwork skills  
- Adapted to dynamic workflows and resolved customer issues promptly

## Education

- **UX/UI Design**, Algebra (09/2023 – 05/2024)
- **Microsoft IT Support Specialist**, Microsoft (09/2014 – 12/2024)

## Courses

- **AI Engineering & Development**, Udemy (2024–2025)
- **Python Courses**, Udemy (2024–2025)

- **UX/UI Courses**, Udemy (2023–2025)

### Technical Skills

- **Programming Languages:** Python (pandas, NumPy), JavaScript (React), C (STM32)
- **AI/ML:** NVIDIA Nemotron API, prompt engineering
- **Embedded & Hardware Tools:** STM32CubeIDE & MX, Figma, TI AWR1843 SDK
- **Data Visualization & DevOps:** Plotly Dash, Docker, GitHub

### Languages

- Croatian (native)
- English (C2)