

# Boran Ozel *Software Developer*



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📍 Moreno Valley, CA, USA

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## Skills

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### Programming Languages

C++, Python, C#, JavaScript, PHP, HTML/CSS

### Other Technologies

SQL, Linux, AI, Neural Networks, YOLO, OpenCV, Arduino, ESP32, Auth Systems, Flask, PlatformIO, Proteus, Google Colab, Object Detection, PID Control

## Professional Experience

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2020/08 – 2022/03

### Backend Developer

Istanbul, Turkey

*Deka Bilisim* [🔗](#)

Designed and maintained a variety of software solutions, including the configuration and management of databases, as well as the development of RESTful APIs using PHP.

2019/05 – present

### Founder

Moreno Valley, CA,  
United States

*PythonP Software* [🔗](#)

-Created and maintained software for clients ranging from small businesses to enterprise corporations.

-Developed highly customizable, hardware-emulated object detection software solutions using OpenCV and YOLO (You Only Look Once) with Python and C++. These solutions enable precise identification of specified colors or objects on the screen and feature intuitive user interfaces, robust configuration, and security systems.

-Designed and implemented databases, administrator, and customer panels to streamline user subscriptions and software downloads, while also incorporating robust security measures to prevent reverse engineering and ensure data integrity, thus enhancing the overall user experience.

## Education

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2020/08 – 2024/07

### Bachelor of Science, Computer Engineering

San Bernardino, CA,  
United States

*California State University, San Bernardino*

Operating system, Contemporary Computer Architecture, Embedded Systems, Digital System and Design, Machine learning

## Projects

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2019 – present

### Online Portfolio Invitation [🔗](#)

Please note that this resume provides a condensed overview of my capabilities and experiences. I've highlighted one project to give you a sense of my work, but my portfolio includes numerous other significant projects. For a comprehensive view of my diverse body of work, please visit my online portfolio at <https://boranozel.com/works.html> [🔗](#)

2022/04 – 2024

### PythonP Vision [🔗](#)

Created a C++ application that employs YOLO V4 for real-time object detection, coupled with a custom dataset meticulously annotated with 30,000 images. This software uses an arduino leonardo for sending mouse movements and leverages the CUDA Toolkit for accelerated performance on NVIDIA GPUs.

## Languages

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### English

Native/Bilingual

### Turkish

Native/Bilingual