





NURSENA BİTİRGEN

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PROJECTS

- **ATVCFEPK(2022). Database system** developed using **OOP** principles and **C++**, which manages the company's historical vulnerabilities and **attacks**, allowing authorized personnel to access detailed information via CVE numbers and obtain information about newly disclosed public attacks.
- **COFFEE MACHINE(2023). Python** project that emulates a coffee machine, enabling users to select coffee types and make payments while applying **Object-Oriented Programming** principles for an interactive experience.
- **SNAKE GAME(2023).** These **Python** projects are built using **Object-Oriented Programming (OOP)** principles and feature a user **interface** created with the **Turtle** graphics library.
- **US STATE GAME(2023).** The interface created using **Pandas** and **Turtle** libraries offers users a fun and educational experience. This project combines real-world data with interactive **gameplay**, allowing users to learn while having fun and enhance their **Python** development skills. By providing engaging tasks like matching the names of U.S. states with their specific locations on a custom map, it enriches the learning process.
- **BLACKJACK(2023).** The **Python**-based Blackjack project brings the classic card game to life, offering an interactive gaming experience adhering to **Object-Oriented** Programming principles. Players can place bets, draw cards, and compete against the dealer, simulating standard Blackjack rules. The project provides a user-friendly console interface, with room for customization and expansion.
- **POMODORO(2023).** Developed using **Python** and **Tkinter**, offers users a tool to efficiently manage work intervals and break times, ultimately enhancing productivity and focus.

WORK EXPERIENCE

Electrical Circuit Analysis (2022)

- The investigation focused on exploring NE555 IC capabilities and various LED flasher circuit designs.
- These LED flasher circuits were thoughtfully integrated with DC motor circuits, efficiently controlled by the NE555 IC's timing functionalities.
- The primary project objective was to deepen understanding and expertise in electronic circuit design and application.
- The outcomes significantly enriched comprehension of electronic circuit principles and their practical implementations.

Nobel Navigators (Present)

- Developed Honed leadership, public speaking, design thinking, effective communication, and project management skills within the Nobel Navigators internship program.
- Gained valuable insights and a global perspective by participating across 100+ countries.
- Focused efforts on advancing education and promoting equitable opportunities.

SKILLS

- Python(Object Oriented Programming) JavaScript,HTML,CSS
- Data Structures,Algorithms

EDUCATION

ANKARA,TURKEY

Bachelor of Engineering in Computer Engineering at Cankaya University

SEP2020-PRESENT