

# AFIK DANAN

SOFTWARE ENGINEER STUDENT – 3<sup>RD</sup> YEAR

Be'er Sheva, Israel | 050-878-8825 | [Afikdanan@gmail.com](mailto:Afikdanan@gmail.com) | [Github](#) | [LinkedIn](#)

---

## OBJECTIVE

- Committed student with strong software development skills.
- Ability to work independently and as part of a team.
- Strong problem-solving skills and ability to prioritize tasks.

---

## EDUCATION

### *SCE, Be'er Sheva*

- Software Engineer Student (Bachelor of Science).
- Majoring in Data Science.
- Relevant Coursework: Algorithms, Data Structures, Computability and Complexity, Advanced OOP, Data Mining, Informational Retrieval, Intro to Data Bases.
- GPA: 87.
- Expected Graduation: August 2024

---

## SKILLS & ABILITIES

### Web Development

- Developed a web application for a travel agency that allows users to search and filter for flights, add desired flights to a cart, and make payments.
  - Utilized **Node.js** as the web framework developed on **vs code**.
  - Implemented an e-commerce system with a shopping cart and payment gateway integration.
  - Worked with tight deadlines as this project was part of a high-intensity semester.
- Developed a web application for an animal shelter that allows users to search and filter for animals, and to contact the shelter for adoption.
  - Utilized **Django** as the web framework developed on **PyCharm**.
  - Wrote unit tests to ensure the application's functionality and reliability.
  - Troubleshooted and provided support for teammates during the development process.

### Data Science

- Developed and applied both supervised and unsupervised machine learning algorithms.
- Utilized **Python**, **Pandas**, **Numpy**, and more to analyze, preprocess, and manipulate numerical and textual data for various projects mainly developed on **vs code**.

### Other Skills

- Expertise in **Java** demonstrated through the creation of an aquarium simulation using advanced **design patterns** such as Memento, Prototype, State, Decorator, Abstract Factory, and Singleton for implementing various features, including the use of **threads** for different creatures developed on **IntelliJ IDEA**.
- Proficient in version control using **Git** and **GitHub**, with experience managing code repositories and collaborating on projects.
- Languages: Hebrew (native), English (fluent).