Oween Barranzuela Carrasco

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in oweenbarranzuela/ | ⊙ OweenCesar |

Bahnhofstraße 21, 94469 Deggendorf, Germany

OBJECTIVE

Motivated AI student seeking an internship or working student position to apply skills in machine learning, data analysis, and software development. Eager to contribute to innovative projects involving predictive modeling, recommendation systems, and AI-powered applications, while gaining hands-on industry experience and expanding technical expertise.

EDUCATION

- **Technische Hochschule Deggendorf** *Since 10/2023*
  Artificial Intelligence, B. Sc. Deggendorf, Germany
  ◦ GPA: 2.3 (5th. semester)

- **Selçuk University** *2019-2023*
  International Economics and Relations, B. A. Konya, Türkiye
  ◦ GPA: 3.64/4.00

- **Santisima Cruz High school** *2011-2015*
  Secondary Education Piura, Peru
  ◦ GPA: 18/20

EXPERIENCE

- **TH Deggendorf** *03/25 - 07/25*
  Tutor Deggendorf, Germany
  ◦ Oriented and supported international students in the AI program, assisting with academic and administrative matters in both English and German
  ◦ Organized onboarding events and activities to foster integration and cross-cultural exchange for new students

- **Statista GmbH** *09/2023 - 11/2023*
  Research Assistant Remote
  ◦ Processed and structured datasets, ensured data accuracy, and wrote concise editorial summaries in English for a global audience
  ◦ Supported content editors in curating and publishing statistical data for the Statista.com platform.

- **Özgayd Automotive** *08/2019 - 07/2022*
  Market Researcher Konya, Türkiye
  ◦ Identified and profiled over 100 potential cylinder head importers across South America through systematic market research.
  ◦ Performed data-driven evaluations of trade flows, pricing structures, and customer demand to design entry strategies for new markets.
  ◦ Contributed to an eighty percent increase in regional sales between 2019 and 2021.

PROJECTS

- **AI-powered LinkedIn URL Finder** *2025*
  Tools: Langchain, Gemini 2.5 Flash, Tavily
  ◦ Developed an agentic workflow with LangChain to resolve a person's LinkedIn profile from a given name.
  ◦ Implemented a prompt-engineered chain with Gemini 2.5 Flash to generate a JSON summary (short bio + two key facts) and designed environment-based configuration for API key management.

- **Sperm Image Classification with Machine Learning** *2025*
  Tools: Pandas, Numpy, Scikit-Learn
  ◦ Built an image classification pipeline for detecting sperm vs. non- sperm cells using 3000+ RGB-labeled images.
  ◦ Applied statistical and histogram-based feature extraction.
  ◦ Tuned KNN, Random Forest and SVM models using GridSearchCV to optimize performance
  ◦ Evaluated models using accuracy, confusion matrix, and feature selection techniques.

- **IcebergAI: full-stack ML web app]** *2025*
  Tools: React+Vite, Docker, Gitlab, JS
  ◦ Developed a responsive React frontend and deployed the system using Docker
  ◦ Led a 7-member team using GitLab for task tracking; authored system requirements and technical documentation

SKILLS

- **Programming Languages:** Python, SQL, JavaScript, Java
- **Web Technologies:** HTML, CSS, Streamlit, Flask, React
- **Database Systems:** MySQL, PostgreSQL, SQLite
- **Data Science & Machine Learning:** Python, Scikit-learn, XGBoost, LightGBM, PyTorch, Pandas, NumPy, HuggingFace, LangChain
- **Cloud Technologies:** Google Cloud Platform, AWS, Heroku
- **DevOps & Version Control:** Git, GitHub, Docker, CI/CD, Linux
- **Specialized Area:** Machine Learning, Deep Learning, Recommendation Systems, Natural Language Processing (NLP)
- **Mathematical & Statistical Tools:** R, Excel, Probability, Statistics
- **Other Tools & Technologies:** Jira, Power BI, Tableau, LaTeX, Rasa, Jupyter Notebook
- **Research Skills:** Data Analysis, Feature Engineering, Model Optimization, Cross-validation, Experimental Design, Technical Documentation

HONORS AND AWARDS

- **STIPET Scholarship**   *2025*
  DAAD (Deutscher Akademischer Austauschdienst)
  ◦ Awarded for special commitment at THD

CERTIFICATIONS

- LangChain – Develop AI Agents with LangChain and LangGraph by Udemy

- Supervised Machine Learning: Regression and Classification by Coursera

ADDITIONAL INFORMATION

Languages: Spanish (Native), English (C1), German (B2), Turkish (C1), Portuguese (A1)
Interests: Travelling, Gym, Cooking, Dance