Emil Sadek

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EDUCATION

University of California, Santa Cruz   Mar 2021
Bachelor of Science, Cognitive Science
Specialization in Artificial Intelligence and Human-Computer Interaction

SKILLS

Languages: Python, JavaScript, Java, C, SQL, Bash
Databases: PostgreSQL, SQLite, MariaDB, Redis
Frameworks: Flask, Django, Bootstrap, Pytest
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
Miscellaneous: Git, Travis CI, Docker, AWS, Heroku, Photoshop, Illustrator

PROJECTS

SpaceX Launch Tracker
Web application for exploring data about upcoming and past SpaceX launches.
Tech Stack: Python (Flask), JavaScript, Bootstrap, Heroku

Insecticide
Simple, fast and extensible bug tracking system.
Tech Stack: Python (Django), JavaScript (Chart.js), Bootstrap

EXPERIENCE

Software Engineering Intern   Jun 2018 – Aug 2018
Roughing It, Lafayette, CA
Increased the mobile usage of a consumer-facing web application by developing a mobile responsive front end with JavaScript, HTML and CSS. Researched the accuracy of weather data by developing a data pipeline to ingest and analyze data from APIs and web scraping with Python, SQL and MariaDB. Developed a new company WordPress blog with Linux, Apache, MariaDB and PHP (LAMP stack).

Computer Science Tutor   Mar 2017 – Jun 2018
UCSC, Santa Cruz, CA
Facilitated the success of students in CMPS 12A: Introduction to Programming (Accelerated) and CMPS 12B: Introduction to Data Structures by giving feedback on assignments and creating individualized study plans for midterm and final exams.

LEADERSHIP

Recruitment Chair   Oct 2018 – Oct 2019
Alpha Epsilon Pi, Santa Cruz, CA
Planned, coordinated and executed the chapter's recruitment program. Chaired the Recruitment Committee and sat on the Executive Board.