JAD SHAHEEN

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EDUCATION

University of California, Berkeley   **Berkeley, CA**
B.A. Computer Science, May 2019
- GPA: 3.3/4.0

Coursework
- Operating Systems//Introduction to Artificial Intelligence//Efficient Algorithms and Intractable Problems Networking//Discrete Math//Data Structures//Structure of Computer Programs//Linear Algebra

EXPERIENCE

AMAZON WEB SERVICES (AWS)   **Seattle, WA**
Software Development Engineer Intern   *May 2018 – August 2018*

- Expanded API Access Logging Service:
    - Remodeled service to go from restricted, single-destination design to scalable, unlimited-destination service allowing seamless addition of logging destinations at any time
    - Integrated AWS Kinesis Firehose to increase log delivery throughput +250%
    - Applied knowledge of Data Structures to decrease latency 500%
- Created a thorough and sophisticated project design from scratch to achieve all of the goals laid out to me
- Designed and presented API Analytics service to be built in the future using my project as a foundation

SÖORYEN TECHNOLOGIES   **Fremont, CA**
Software Engineering Intern   *May 2017 – August 2017*

- Created data analytics service for client:
    - Built APIs to synthesize podcast user data by different statistical categories (region, age, etc.)
    - Increased data retrieval efficiency 2-fold by redefining database access queries and rebuilding data aggregation APIs
    - Implemented API to dynamically calculate user trends by extracting timestamps from various data points
    - Redesigned project structure for AWS to improve data storage and aggregation capabilities
- Built web scraper application to populate analytics service with live data from the internet

PERSONAL PROJECTS

Cube Solver (*Python*)
- Created Rubik's Cube solving application using advanced graph search
- Designed consistent heuristics to cut down on number of moves in returned solve

Ataxx (*Java*)
- Built board game AI using game tree searches and pruning
- 85% win rate v. human

Jadbot (*Javascript*)
- Developed Facebook Messenger Chatbot using Facebook's public API
- Capable of retrieving weather info and responding to greetings in engaging and personal ways

SKILLS

- Java
- Python
- C/C++
- HTML/CSS/Javascript
- SQL
- AWS
- Spring Framework
- Arabic and Spanish