

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
Internet Architecture | 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 | • Javascript/HTML/CSS | • Arabic |
| • Python | • SQL | • Spanish |
| • C/C++ | • AWS | |
| • Golang | • Spring Framework | |