

Shahaf Dan

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EDUCATION

[Boston University](#), College of Arts and Science | *Boston, MA*

3.41 / 4.00 | **September 2020 - May 2022**

- BA in **Computer Science** (Data Science Concentration)
- Student Government, VP of Finance - Served on E-Board as the Student Body treasurer and managed the annual student body budget.
- Alpha Epsilon Pi, President - Presided a 70-member fraternity; assisted with greatest recruitment, philanthropy, academic year.
- TAMID Consulting, Director of Tech & Project Manager - Led a 20 person track in collaboration with 4 various StartUp companies.
- FinTech Club, Director of Quant - Led a 3 lecture series about Fin-Tech tools including REST APIs, SQL databases, and Python DS.

[Las Positas College](#) (Dean's List, Highest Honor) | *Livermore, CA*

3.92 / 4.00 | **June 2018 - May 2020**

- AS in **Computer Science**
- AS in **Physics**
- Certificate of Achievement in **Computer Programming**
- AA in **Computer Studies**
- AA in **Mathematics and Sciences**
- **Honors Certificate** - conducted 6 faculty-approved research projects
- Student Government, Director of Events - Led the Student Body events committee to increase student participation by 300% and represented the college twice in the annual [ASACC](#) Conference in W.D.C
- Alpha Gamma Sigma, President - Presided over a 110-member Honors Society; Assisted with recruitment, fundraisers, and comm. Service
- Chess Club, President - Founded and Led the club; Increased membership by 500% and led teams to winning matches vs. other schools.
- Computer Science Club, Vice President - Led weekly lectures about relevant topics: WebDev, Python DS & ML, Backend SQL DBs, etc..

WORK EXPERIENCE

[Spark!](#) at Boston University | *Boston, MA*

December 2020 - May 2022

Full Stack & Data Science Software Developer Intern

- Worked on various projects as an intern on the Data Science Track, while learning and applying various data analytics methods (KNN Modelings, Neural Networks, multidimensional regression, data visualization, etc.).
- Designed various anomaly detection algorithms for both supervised and unsupervised datasets to be applied on an existing engine to improve accuracy.
- Connected Front end technology to results achieved from a back end pipeline to map multi-sourced data into a unified organized and accessible file to work with.

[SkillWaze](#) | *San Ramon, CA*

June 2019 - August 2019

Backend Software Developer Intern

- Assisted with Backend Java Development of the main website platform to create effective data communication between the Server and the site's front-end.
- Developed data pipelines to integrate non-relational data into an ER SQL model via the JDBC protocol.

[Amber System Technologies](#) | *Pleasanton, CA*

September 2018 - April 2019

Full Stack Web Developer Intern

- Integrated a WebApp with various POS system databases so clients' (businesses) customers can make online purchases.
- Developed 50+ client websites based on client-specified needs using HTML, CSS, JS, AJAX, jQuery, and various libraries.
- Designed PHP data-query SQL scripts using the PDO protocol to manipulate and analyze mass data.

PROJECTS & SKILLS

Data Science Journal

Data Science

- Designed open source Python scripts to retrieve organized data from REST APIs.
- Applied ML and DS methods such as Classification, Anomaly Detection, and Neural Networks to analyze relations and predict data from various APIs (NBA, Spotify, Yahoo Finance, etc.).

The Market

Full Stack WebDev

- Developed a full-stack software to track inventory, automate registration process, and assist with volunteer time management for "The Market" - a monthly community service event by LPC Student Government for disbursement of free groceries.
- Used PHP and ER SQL databases on live servers to maintain organized data of volunteers, attendees, and grocery inventory.
- Designed a user-friendly UI via plain HTML, CSS & JS to allow convenient use of the software on both front and back ends.