

# Jad Saad

<https://github.com/Jadsy>

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## EDUCATION

- **American University of Beirut** Beirut, Lebanon
  - *Bachelor in Computer Science; GPA: 3.69 — 3 time Dean's Honors List* Sep. 2020 – Dec. 2022
    - \* **Relevant Coursework:** Computer Architecture, Algorithms and Data Structures, Software Construction, Database Systems, Object-Oriented Programming, Functional Programming, Software Engineering
  - *Minor in Game Development*
    - \* **Relevant Coursework:** Computer Graphics with OpenGL, Game Programming with Unity, Fiction Writing for Videos Games, Game Narrative Design
- **College Louise Wegmann** Beirut, Lebanon
  - French Baccalaureate General Sciences: Mathematics Speciality: 16.81/20* Sep. 2004 – July. 2019

## CERTIFICATIONS

- **Holberton School** Beirut, Lebanon
  - Machine Learning & AI Program* Apr. 2021 – Sep. 2021
- **Coursera** Online
  - Deep Learning Specialization* Dec. 2021 – Jan. 2022
    - Neural Networks and Deep Learning
    - Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
    - Structuring Machine Learning Projects
    - Convolutional Neural Networks
    - Sequence Models

## EXPERIENCE

- **Beirut Research & Innovation Center: Intern** Beirut, Lebanon - Jul. 2018 – Aug. 2018
  - *Introduction to Python: pre-college training*
- **Lemonade Fashion: Software Engineer Intern** Beirut, Lebanon - Jun. 2022 – present
  - *Developed and implemented end-to-end services using Flask, SQLAlchemy and React to improve the client management system for the marketing and design team.*
  - *Migrated server-based services to AWS lambda with the aim of avoiding single point of failure.*
  - *Worked on a Machine Learning model that uses clustering to auto-associate an item to the closest color available to facilitate color filtering.*

## SKILLS

- **Programming Languages:** Python, Java, SQL, Javascript, C, HTML5, CSS3
- **Libraries:** Tensorflow, Keras, Pandas, Numpy, SciKit-learn
- **Technologies:** Flask, SQLAlchemy, Django, Vue, React, Flutter, Unity, OpenGL, Android
- **Languages:** Fluent in English, French and Arabic — Beginner in Japanese
- Teamwork, Communication, Scrum

## PROJECTS

- **Kaggle Disaster Tweets:** Part of Kaggle's Natural Language Processing competition. Developed a classifier for tweets using BERT and Neural Networks.
- **ITrackerHub:** An Issue Tracking System as a work management tool that helps project members keep track of issues and bugs in an organized way.
- **CourSeera:** A tool for students that parses and organizes university courses, professor schedules and room status on campus.
- **Technology in Gaming Zine:** A website for an electronic magazine done for the Fiction Writing in Video Games course at AUB showing various articles related to the usage of technology in video games.
- **Infinite Runner:** An infinite car runner video game using Unity3D

## LEADERSHIP

- **AUB Japanese Cultural Club:** Secretary Sep. 2021 - May. 2022
- **AUB Japanese Cultural Club:** Vice President Current
- **Model Arab League:** Winner of Best Country Statement May 2017