

AHMED HAMMAD

Software Engineer | Alexandria, Egypt

www.ahmedhammad97.com | github.com/ahmedhammad97 | hammad97official@gmail.com | +20-102-001-3046

EDUCATION

Alexandria University
(Expected Feb. 2021)

B.S. in Computer and Communication Engineering.
Concentration in Software Engineering.

EXPERIENCES

Amazon Web Services
SDE Intern (Aug. – Oct. 2020)

- Created framework that simplifies interaction with Step Functions.
- Redefined On-Demand Billing workflows using AWS CDK.
- Integrated my team's CDK constructs with workflow's pipeline.

Microsoft (Bing)
SWE Intern (July – Sep. 2019)

- Automated Search Tries generation in Bing for Commerce pipeline.
- Automated the deployment of an auto-commit Azure Function.
- Created configurable auto-scaling mechanism for cloud services.
- Migrated monolithic service to micro-services architecture.

SRTA City
Web Developer Intern (Feb. 2019)

- Refactored PI-Floor web app to fully testable and scalable version.
- Added new features (drag file upload, scoreboard, messages filter...etc.)

PROJECTS

Smart Pause Player

Video player that uses webcam to monitor user's eye pupils, and smartly pauses when user is not making eye contact with the screen.
[Electron, Plyr.js, Pico.js] [Individual]

Anonymous Freelancing

Anonymous, safe, and secure freelancing service platform (DApp and Server) based on smart contracts and etheruem blockchain.
[Web3.js, Solidity, React, Node.js] [Group Project]

Collecting Coins [LIVE]

The famous "Super Mario"-alike game running in browsers.
[ES6 JavaScript] [Individual]

Offense Detection

NLP model that uses machine learning to classify offensive tweets.
[Python, Sci-kit Learn, NLTK] [Group Project]

ACHIEVEMENTS

Microsoft Hackathon
Software Team Head
ASCE SC (2019)

- Won 2nd place in Microsoft's internal local Hackathon.
- Selected to be the first software team head in chapter's history.
 - Built the chapter's first high performance website. [LIVE]

SKILLS

Languages

JavaScript – Python – C++ – C# – Java – TypeScript – Go – SQL

Technologies

Node.js – Django – DotNet – SpringBoot – MySQL – MongoDB – GraphQL – Vue.js – React – ReactNative – Bootstrap – JQuery

Tools & Concepts

Git – Linux – Docker – Agile – CI/CD – SOLID – OOP – OOD

LINKS

LinkedIn – StackOverflow – HackerRank – LeetCode – GoodReads