

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 my team's workflows using *AWS CDK*.
- Integrated my team's CDK constructs with workflow's pipeline.

Microsoft (Bing)
SDE Intern (July – Sep 2019)

- Automated *Search Tries* generation in *Bing for Commerce* pipeline.
- Automated deployment of an auto-commit *Azure Function*.
- Created configurable auto-scaling mechanism for cloud entities.
- 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)

PROJECTS

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]

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]

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] [Individual]

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 – SQL – Go

Technologies

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

Tools & Concepts

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

LINKS

StackOverflow – LinkedIn – HackerRank – LeetCode – GoodReads