AHMED HAMMAD

Software Engineer | Alexandria, Egypt

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

EDUCATION

Alexandria University (Expected Jan. 2021)	B.S. in Computer and Communication Engineering. Concentration in Software Engineering.

EXPERIENCES

Microsoft (Bing) SDE Intern (July – Sep. 2019)	• Automated *Search Tries* generation in Bing for commerce pipeline. • Automated deployment of an auto-commit *Azure Function*. • Invented configurable auto-scaling mechanism for cloud entities. • Migrated monolithic service to micro-services architecture.
ACM SC (Sep. 2019) JavaScript Instructor	Introduced candidates to JS frameworks (Node.js and Vue.js), using real examples and multiple projects, through 3 intensive sessions.
SRTA City (Feb. 2019) Web Developer Intern	• Refactored PI-Floor web app to fully testable and scalable version. • Added multiple new features (drag file upload, scoreboard, messages filter…etc.)
IEEE SC (Feb. 2019) Web Developer Instructor	Guided 16 candidates to learn web development basics, and make their own websites, through 6 intensive sessions.

PROJECTS

Collecting Coins [LIVE]	The famous "Super Mario"-alike game running in browsers. [ES6 JavaScript] [Individual]
Risk Game	Online board game, with several options of Artificial Intelligence search agents to watch, or play against. [Python, Django, JQuery, WebSockets] [Group Project]
Chat Room Service	Web service that provides encrypted chat rooms for users, who can either create, or join using a unique code. [Node.js, Socket.io, MongoDB, JQuery] [Individual]
Offense Detection	NLP model that uses machine learning to classify offensive tweets. [Python, Sci-kit Learn, NLTK] [Group Project]

ACHIEVEMENTS

Microsoft Hackathon	Won 2nd place in Microsoft's internal local Hackathon.
Software Team Head ASCE SC (2019)	• 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 – Express.js – Django – .Net – Spring Boot – Vue.js – Bootstrap – JQuery – MySQL – MongoDB – SQLite
Tools & Concepts	Git – Linux – Agile – Docker – CI/CD – SOLID

LINKS

StackOverflow – LinkedIn – HackerRank – GoodReads