

# AHMED HAMMAD

Software Engineer | Alexandria, Egypt

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## EDUCATION

Alexandria University  
(Expected Jan. 2021)

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

## EXPERIENCES

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

- Automated "Bing-Tries" generation in an internal project's pipeline.
- Automated configuration file git commit using "Azure Functions".
- Migrated monolithic service to "Azure Service Fabric" 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  
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 – Html5 – Css3 – SQL – Go

Technologies

Node.js – Express.js – Django – .Net – Vue.js – Bootstrap – JQuery  
MySQL – MongoDB – SQLite

Workflow Tools

Git – Linux – Agile – Docker

## LINKS

StackOverflow – LinkedIn – HackerRank – GoodReads