**Taha H. Ababou**

Undergraduate Computer Engineer

A dynamic person that enjoys working as part of a team, looking for a work experience opportunity in software engineering. Honest, hardworking, good IT skills, I like to analyze my performance regularly to see how it can be improved.

[hababou@bu.edu](mailto:hababou@bu.edu) +1 (617) 852-5026 **Online Portfolio:** <http://inkognito.tech> Boston, MA

**EDUCATION**

**Boston University College of Engineering Expected 05/24**

B.S. in Computer Engineering (Boston, MA)

* **Courses:** Engineering Mechanics, Electric Circuits, Intro to Engineering (Arduino), Software Engineering (C++), Intro Logic Design, Intro Engineering Design, Applied Algorithms for Engineering, Calculus I, II, III, IV, Linear Algebra, Discrete Math, General Chemistry I & Physics I, II. **Clubs:** Boston University High Performance Computing Club

**WORK EXPERIENCE**

**IB Computer Science HL – Teaching Assistant 09/19 – 02/20**

Sotogrande International School (Sotogrande, Cadiz, Spain)

* Taught IB Comp Sci to students of 12-16 years old and a variety of programming languages including Python, Swift, and HTML/CSS.
* Mentored students in developing a web-based application using HTML/CSS and JavaScript for front-end development, and Python for back-end development.

**Freelance Full Stack Web Developer 07/19 – 01/20**

Fondation Ababou (Rabat, Morocco)

* Developed an online free language learning app (front-end and back-end) for Moroccan youth to learn a second-hand language.
* Self-taught coding in PHP; established a MySQL database connection by using the PHP MySQLi Connect() Function.
* Managed, optimized, and updated PHP databases as necessary.

**IT Business Analyst Intern 03/19 – 04/19**

MAROCLEAR (Casablanca, Morocco)

* Verified the accuracy of the MAZARS research department’s study to confirm that their approach would keep a stable turnover.
* Collaboratively used Microsoft Excel and concepts of R programming to sort and use data to make prediction models.
* My colleagues and I found deficiencies in MAZARS’ models at the UCITS Admissions and Issue Accounts Commission level.

**Associate Producer Intern 05/18 – 06/18**

Black33 Media Ltd. (Sotogrande, Cadiz, Spain)

* Produced a business marketing video with FCPX, with a customized soundtrack produced by Logic Pro X.
* Learned how to operate professional cinema drones to capture scenes from a unique perspective.

**PROJECTS**

**The Garbage Project** (Computer Engineering Lead) -(Personal Project)  **12/21 – Present**

* Python

**Personal Virtual Chatbot** (Personal Project)  **12/21 – Present**

* Developing a personal chatbot using JavaScript to answer questions about me.

**RECOG - Object Recognizer App** (Project & Interface Lead)  **11/21 – 12/21**

* Led a team of 5 to design a mobile app for visually impaired individuals… to recognize objects around them…
* Technologies used: Kotlin, Python, Android Studio, Adobe Photoshop

**O.F.M.H.T.-V.2.0** (Personal Project) **07/21 – Present**

* Adobe XD, Swift, Kotlin

**QuickLang - English language-learning web-platform 06/19 – 08/19**

* Full-stack web development utilizing JavaScript for front-end, and PHP and MySQL for back-end.
* Designed and developed user interfaces in HTML with CSS and Bootstrap.

**Additional Projects:** COVID Outbreak: Escape the Fall Semester (C++ Game), MATLAB Truss Design Simulator, Arduino Temperature Sensor, Quantum Levitation, iOS Calculator (Swift), iOS Timer (Swift) [**(MORE INFORMATION IN PORTFOLIO)**](http://inkognito.tech/)

**SKILLS**

**Software Proficiency:** Adobe Photoshop, Adobe XD, Final Cut Pro X, Logic Pro X, XCode, Android Studio.

**Programming Languages:** C/C++, Python, PHP/MySQL, Swift, Kotlin, Arduino, MATLAB, JavaScript, HTML/CSS.

**Languages:** French, Arabic, Spanish.

**INTERESTS**

Software Development, Graphic Design, Artificial Intelligence, Robotics, Innovation, Metaverse, Movie Productions, Golf, Soccer.