Lamine **Fetni**

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Education

University of Bremen   *Bremen, Germany*
MASTER OF SCIENCE IN DIGITAL MEDIA INFORMATICS   *Nov 2020 – Expected 2022*

University of Constantine 2   *Constantine, Algeria*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE   *Aug 2016 – Jul 2019*

Work Experience

Chainstep   *Hamburg, Germany*
FULL STACK ENGINEER (WORKING STUDENT)   *Jun 2021 – Present*
- Implemented an NFT Creation dashboard in React and a Linktr.ee clone in Express and Preact.
- Developed a URL Shortener backend microservice using Express and REST APIs.
- Developed of a data scraping and analysis tool using Python for internal use.
- Refactored a React application styles and imports which lead to 25% increase in page loading time.
- Developed an OAuth 2.0 authorization server in Node and Express.
- Implemented API Communications with the Algorand Blockchain SDK.
- Implemented end to end testing using Cypress for frontend testing.

Hdraha Startup (HAPP)   *Algiers, Algeria*
CO FOUNDER / SOFTWARE DEVELOPER   *May 2019 – Aug 2020*
- Collaborated with a team of 4 students to design and implement an AI funny face swap videos application.
- Software development of the Android App using Kotlin and Java.
- Implemented Test Driven Developement with Unit Testing using JUnit.

Skills

Languages: Java, Kotlin, Python, HTML/CSS, Typescript, Javascript, Dart, C#, SQL
Frameworks: Node.js, React, Express, Flask, Django, Flutter, MongoDB, PostgreSQL, TensorFlow, Redux
Tools: Git, Docker, Linux, CI/CD, Cypress, Unity, API Design, Firebase, Google Maps API, Agile

Projects

The Watcher Bot (Web applicaton & Discord Bot)   *Typescript, Node.js, MongoDB, Next.js*

A WEB DASHBOARD MADE WITH NEXTJS AND NESTJS AND A DISCORD BOT THAT LETS USERS COMMUNICATE
BETWEEN SERVERS USING SHARED CHANNELS DEVELOPED USING NODE AND MONGODB, HOSTED IN AWS.   *thewatcher.xyz*

GoRide (Android App)   *Kotlin, Java, Android SDK, Firebase*

A CARPOOLING ANDROID APPLICATION FOR THE ELDERLY AS A PART FOR MY THESIS PROJECT DEVELOPED USING
KOTLIN AND FIREBASE AS A BACKEND (FIREBASE AUTH FOR SIGN UP AND FIRESTORE NOSQL FOR THE DATABASE).   *github.com/for-hope/GoRide*

YTCaptionSearch / Pewdstudio (Python / Web Application)   *Python, Flask*

A YOUTUBE CLIP SEARCH ENGINE USING SET OR AUTO GENERATED CAPTIONS TO FETCH OR CREATE CLIPS FROM A
TEXT INPUT FOR CERTAIN YOUTUBE CHANNELS. WRITTEN IN PYTHON WITH FLASK.   *fansign.io*

TCG Classifier (Machine Learning Classifier)   *Python, Keras*

A MACHINE LEARNING CLASSIFIER FOR DETECTING AND CLASSIFYING TRADING CARDS IN IMAGES AND PREDICTING
THEIR BRAND AND TYPE BUILT WITH PYTHON AND KERAS.   *github.com/for-hope/TCG-classifier*

GameECHO - Improving voice detection in video games (Unity3D)   *C#, Unity Engine*

A VIDEO GAME SYSTEM TO IMPROVE VOICE DETECTION IN VIRTUAL ENVIRONMENTS BY USING THE ENVIRONMENT AND
CONTEXT TO PREDICT UNRECOGNIZED VOICE COMMANDS THUS ENHANCING IMMERSIVNESS IN 3D AND VR GAMES.   *github.com/for-hope/GameECHO*