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)   *TS, Node.js, MongoDB, NextJS, NestJS*

A web dashboard application 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*

Lamine.dev
My portfolio containing more projects and mini projects developed with various frameworks.   *lamine.dev*