

Hassan El Mghari

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EDUCATION

DREXEL UNIVERSITY

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

SEPTEMBER 2016 – JUNE 2021

PHILADELPHIA, PA

- GPA: 3.7
- **Relevant Courses:** Data Structures, Computer Architecture, Advanced Programming, Pattern Recognition

EXPERIENCE

DEVELOPER ADVOCATE & SOFTWARE ENGINEER

JULY 2021 – PRESENT

FIG

SAN FRANCISCO, CA

- Contributed thousands of lines of JavaScript to Fig's OSS autocomplete repo including several PR reviews
- Grew Fig's community discord from 1k to 2k+ members and twitter from 3k to 4.7k followers in 6 weeks
- Improved developer experience by revamping the docs, writing guides, and doing weekly livestreams
- Redesigned and implemented a web app using React + TypeScript and wrote CLI parsers in Python

SOFTWARE ENGINEER INTERN

APRIL 2020 – JUNE 2020

SLEEK

SAN FRANCISCO, CA

- Implemented key features including search & payment authentication in food ordering app using React, Redux and Node.js
- Improved speed of dashboard app by 63% through unit tests, refactoring code & removing unnecessary dependencies
- Developed GraphQL API with a schema & AWS Lambda functions to interface with our DynamoDB database

FOUNDER & CEO

OCTOBER 2015 – JANUARY 2020

ULTRASHOCK GAMING LLC (ACQUIRED)

PHILADELPHIA, PA

- Built a Steam community of 500,000 gamers, social media of 150,000, and email newsletter of 135,000 subscribers
- Negotiated and signed 15+ royalty-based contracts with individual developers and game studios
- Successfully [exited](#) by selling the startup to two other gaming companies

PROJECTS

DEEP VEIN THROMBOSIS PREVENTION DEVICE (PATENT PENDING) | PYTHON, TENSORFLOW, FLASK

- Created a wearable and portable smart actuation device for DVT risk mitigation, along with 3 teammates
- Made & trained a machine learning model to classify movements based on an accelerometer with 92% accuracy

ALI ABDAAL SEARCH ENGINE | PYTHON, REACT, POSTGRES

- Designed & implemented a search engine from scratch involving web scraping & automatic transcribing

COVID CLASSIFIER | PYTHON, KERAS, SKLEARN

- Built a classifier that takes in CT images of patients and can determine, with 85% accuracy, if the subject has COVID-19

SKILLS

- **General:** Python, C, Git/Github, MATLAB
- **Front-end:** React, JavaScript, HTML, CSS
- **Back-end:** Node.js, AWS (Amplify, Lambda, DynamoDB), Firebase (Firestore, Auth, Storage)

AWARDS & CERTIFICATIONS

- Moderator of the largest online React.js community with over 270,000 members, [/r/reactjs](https://r/reactjs)
- [Philadelphia City 6](#) Drexel Volleyball Champion for the first time in school's history
- [Professional Scrum Master I certification](#)