

## Mohamed Khelif

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### TECHNICAL SUMMARY

*Languages:* Javascript (ES6), NodeJS , Java, C++, HTML5, CSS3, GraphQL, Python, SQL, MATLAB

*Software Applications:* Android Studio, AWS, Adobe Creative Suite, phpMyAdmin, Burp Suite

*Database Management:* MongoDB, MySQL, MariaDB

*Operating Systems:* Ubuntu, MacOS, Windows

*Other:* React.js, Redux, Redux Sagas, Express, PCSS, Babel, Webpack, NPM, yarn, Rest API's, JSON, jQuery, Git, Agile, Scrum, Pivotal Tracker, MVC Design, TeamCity

*Relevant Courses:* Database Systems, Web Security, Operating Systems, Software Engineering, Software Design Lab, Algorithms, Data Structures, Probability & Statistics.

### RELEVANT EXPERIENCE

#### Technology Intern at Work & Co

June 2018 - Present

- Worked on a large scale multi platform digital distribution system for Epic Games
- Worked closely with a large team of developers across the world to develop features,
- Collaborated with design/ development teams to rapidly prototype features

#### Software Developer Intern at CUNYCodes

February 2018- May 2018

Selected to be part of a competitive 10 week software development cohort lead by industry veteran's working to develop applied experience in Software Development by building a product from concept to valued delivery.

- Focused heavily on Agile Scrum Development Methodologies
- Required designing and implementing user stories and the tracking of Progress using project management tools such as Pivotal Tracker.
- Worked in a team of 7 Developers ranging in experience to Develop Homecookd ( See Below)

### EDUCATION

#### The City University of New York(CUNY), City College of New York

Expected Graduation: Spring '19

- Bachelors of Science: Computer Science, Minor in Economics

### PROJECTS

#### Work & Co Project - Worked on large scale client Desktop/Web application distributed across multiple platforms

- Worked on a large scale multi platform digital products distribution platform
- Developed with React JS, Redux, Redux Sagas, GraphQL,NodeJS,
- Participated in daily stand up meetings with clients
- Developed several React components for the application.
- Debugged several bugs across several browsers and environments.
- Participated in PR review process

#### CryptoCurrency Arbitrage Trading - Arbitrage Trading using stored procedures implemented database side

- Designed and implemented tables and schemas on a Mariadb SQL instance
- Wrote Nodejs scripts to query external apis to get cryptocurrency price quotes and populate database tables.
- Wrote Stored Procedures and necessary triggers to compare Price quotes and execute trades in order to achieve highest profit per trade pair.

#### Homecookd— Web App offering users an easy way to to buy and sell home cooked meals

Homecookd is a service which connects hungry individuals with traditional home cooked meals made by people in their neighborhood.

- Lead Full Stack Developer on the project as well as SCRUM master.
- Built on the MERN Stack (MongoDB Express React Node)
- Developed several pages and logic for the front end using React as well as implemented several backend RESTful Api routes.
- Developed the authentication aspects both frontend and backend , created an administration portal to manage all users, also implemented Functionality and logic to handle transactions between the Buyers and Sellers.

#### AMM Turk App — Web App Offering a service similar to fiverr

A semester long final project for a Software Engineering course which required a group of 3 students to work together as a team to design a program. With a strict set of guidelines to implement a bidding service similar to Amazon Mechanical Turk or fiverr.

- I was a Full Stack Developer/ Team Lead
- I Developed the framework for the backend apis as well as built out many core features of the front end such as user authentication, managing transactions as well as creating an administration portal to manage user accounts and handle disputes as well as accompanying backend logic.
- App was Developed with The MERN Stack (MongoDB Express React Node)

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- <https://github.com/khelif96/322turk-bidding-project>