

# Omar Abdelfatah

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Full Stack Web Developer, seeking to apply and expand my technical skills in a position that makes a difference. Having various experiences both leading teams and participating in them, I am eager to collaborate on projects that play a role in shaping the future.

## EDUCATION

### University of Minnesota - Twin Cities

Fall 2015 - Fall 2019

Bachelor of Computer Science, College of Science & Engineering

## SKILLS

**Computer Literacies:** MySQL, Kubernetes, Google Cloud Platform, GitHub, Graphic Design, UX/UI, Machine Learning

**Programming Languages:** PHP (with Laravel), Java, Python, C/C++

**Website Development:** HTML, CSS, JavaScript, Vue, Apache

**Foreign Languages:** Arabic (bilingual)

## RELEVANT EXPERIENCE

### Arvig (Roseville, MN)

#### Software Developer I

April 2021 - Present

Developing web services and integrations in PHP using the Laravel framework, with MySQL as the backend database

Designing and developing frontend components using Vue, JQuery, and JS

Building internal and consuming external APIs and webhooks, as well as OpenAPI Documentation

Creating and managing data pipelines from our services to their preferred interface, ie Google's BigQuery and Cloud Storage

Implementing a containerized microservice architecture using Docker and Kubernetes

Practicing Scrum methodologies and using Wrike as a task management tool

### Goodix Technologies (Irvine, CA)

#### Testing Software Intern

Aug - Sept 2019

Developed and managed performance tests for BLE and NBIoT chips using C++

Automated data collection and organized data in a presentable format using Python scripts

Generated reports to display our progress to the client's goals and needs using Office productivity tools

### Connect2Play Sports (Minneapolis, MN)

#### Web Developer Intern

May - Dec 2018

Redesigned and developed a new website using HTML and PHP

Managed user's information and database through MySQL

Integrated CEO's views to expand on website features and design

## VOLUNTEER EXPERIENCE

### DesignU Student Group (Minneapolis, MN)

#### Project Lead

Sept 2018 - May 2019

Managed design team members' duties and responsibilities using Slack

Implemented Agile methodologies to organize and lead the team using Trello

Communicated with our clients about their needs in order to fulfill them in the team

#### Design Team

Sept 2017 - May 2019

Integrated critical design thinking into the design of web and mobile applications using Adobe Suite products

Collaborated with professional clients to create exceptional user experiences and user interfaces

### UMN Ballroom Dance Club (Minneapolis, MN)

#### Website Developer Officer

May 2017 - May 2019

Redesigned the website to support a more user-friendly experience using Figma

Maintained website and database's structure and integrity

Wrote coherent in-code comments for future officers, detailing how to operate the website

### CoderDojo Twin Cities (Minneapolis, MN)

Sept 2018 - May 2020

Teaching coding for kids between 8 and 17 years old through Java, Python, and C++