

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 diverse 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)

WORK EXPERIENCE

Arvig (Roseville, MN)

Software Developer I

April 2021 - Present

Develop web services and integrations in PHP's Laravel framework, using MySQL as the backend database

Design and develop frontend components using Vue, JQuery, and JS

Build internal and consume external APIs and webhooks, as well as OpenAPI Documentation

Create and manage data pipelines from our services to interfaces such as Google's BigQuery and Cloud Storage

Implement a containerized microservice architecture using Docker and Kubernetes

Exercise efficient team task management, using Scrum methodologies and the Wrike app

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 website using HTML and PHP

Managed user's information and database through MySQL

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 business 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

Taught coding to kids between 8 and 17 years old using Java, Python, and C++