Hamza Ehsan

Result-oriented software engineering professional with expertise in building secure and scalable applications.

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EXPERIENCE

Weidert Group, Appleton — *Full-Stack Engineer (Remote)*

Oct 2020 - Current

- Wrote an API to collect Google Analytics results and compute custom analytics using Python and JavaScript.

Lawrence University, Appleton — *Software Engineer Intern*

June 2018 - June 2020

- Created open-source Drupal plugins for 3rd party API integration in PHP.
- Built and implemented API's to provide anonymity to student filled forms and research data using Python.

Titletown Tech, Green Bay — *Software Engineer Intern*

June 2019 - Sep 2019

- Built and integrated a CTC Voice Recognition module for a VR language learning software using Python.
- Helped create a machine-learning algorithm to classify potentially successful start-ups using Python and Pitchbooks.

QOLOS, Green Bay — *Full-Stack Software Engineer (Remote)*

February 2019 - June 2019

- Co-engineered a cross-platform car wash subscription service app using Flutter and conducted automated feature testing.

EDUCATION

Lawrence University, Appleton — *Bachelors of Arts*
Computer Science and Philosophy

August 2016 - November 2020

SELECTED PROJECTS

DroneSeek — *Autonomous Disaster Relief Drone*
- Built with Python, React, Flask, SQLite 3

EvSmart — *Electric Vehicle Charge Sharing App*
- Built with Flutter, Express.js, React, MongoDB, Firebase

SKILLS

Object-Oriented Design
Database Programming
Cross-Platform Development

AWARDS

1 st – MakeHarvard, Harvard University (2019)

3rd – DifferenceMaker, U. of Massachusetts (2019)

2nd – The Pitch, UW – Green Bay (2019)

1st – LuLaunch, Lawrence University (2018)

3rd – MadHacks, UW – Madison (2018)

LANGUAGES

Python
Dart
Javascript
Java
SQL

Frameworks

Flutter
React
Django
Flask