

Hamza Ehsan

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Technical Skills

Languages: Javascript, Python, Go, Ruby, R, Java

Libraries: Pandas, Numpy, OpenCV, Tensorflow, Django

Cloud Platforms: AWS(EC2, S3, EMR)

Frameworks & Tools: PostGreSQL, Firebase, MongoDB, Linux, Docker, Git

Experience

October 2020 - PRESENT

Weidert Group, Remote - *Full-Stack Software Engineer*

- Integrated set of new API endpoints related to client-critical progressive web applications using **React**, **NodeJS** and **Redux**.
- Porting current swift based IOS applications to **Flutter** using the **GetX** framework.
- Relieving technical debt by upgrading legacy code to **reactive flutter** for API integrations.
- Created a custom **CSS3** optimization tool reducing app bundle sizes by 20%.
- **Profiling**, **troubleshooting** and updating legacy code to tune and system performance and decrease average response times

June 2018 - June 2020

Lawrence University, Appleton — *Software Engineer Intern*

- Implemented third-party services and external API's to student-facing portal reducing code duplicity by 35% using **JavaScript**, **Redux** and **Zeplin**.

June 2019 - September 2019

Titletown Tech, Green Bay — *Software Engineer Intern*

- 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.

February 2019 - June 2019

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

- Co-engineered a cross-platform car wash subscription service app using **Flutter** and conducted testing using **Selenium**

Education

Graduated Nov 2020

Lawrence University, Appleton — *Bachelors of Arts*

Computer Science & Philosophy

Recognition

- 1st MakeHarvard, Harvard University (2019)
- 1st LuLaunch, Lawrence University (2018)
- 3rd MadHacks, University of Wisconsin-Madison (2018)
- 2nd The Pitch, University of Wisconsin-Green Bay (2019)
- 3rd DifferenceMaker, University of Massachusetts (2019)