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**languages, frameworks and technologies** PYTHON — SWIFT — TYPESCRIPT — HTML/(S)CSS/ — C++  
TENSORFLOW — AWS LAMBDA/SERVERLESS — GIT — CI/CD (GITHUB ACTIONS) —  
IONIC (ANGULAR) — FIREBASE — GATSBY — PARSE — LARAVEL — REACT — NEXTJS —  
VUEJS — DYNAMODB — LATEX

*Apr 2019 - Sep 2020*

- Built **APIs** w/ **AWS Lambda** that provide functionality to multiple apps
- Helped develop a consumer mobile app as well as a research portal using the **Ionic (Angular)** cross-platform framework
- Collaborated w/ Data Science team to build a **Python** EEG analysis system that provides **real-time** feedback of cognitive over-exertion to concussion patients through an app
- Helped set up an integration system using **PIP** that allows the data-science team to develop their algos. independently and update the respective APIs automatically
- Worked through the entire stack in a dynamic start-up environment
- Helped implement **HIPAA** requirements across all our systems

*Winter 2018*

- Developed website for the Carleton University Postdoctoral Union using **Laravel (PHP)** along with an administrative dashboard to control posts and events

Spring 2020

2018

Winter 2020

Summer 2020

2018

\*\* More **projects** on *github*.

2017 - 2019

- Helped research the best performing inference techniques on Smart Grid energy data
- Learned to work w/ **Neural Networks, DSP & Wireless Sensor Communications**

Winter 2018

- Helped build a system that aims to improve the lives of type II diabetes patients through self-management using voice control and real-time feedback

2019

2018

Co-author — *IEEE International Conference on Communications*

Nov 2018

*Winner of the best App award @ Shopify's Build Things App Showcase*