

# Eshaan Chaudhari

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## SUMMARY

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- Enrolled in level 2 of the 5-year software engineering and management co-op program at McMaster University
- Experience with web development and front-end development using React
- Working knowledge of neural networks, CNN and TensorFlow
- Strengthened problem solving skills and skills using various software tools through projects and courses

## EDUCATION

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**McMaster University** Hamilton, Ontario  
Software Engineering and Management (Co-op) 2018 – 2023  
Relevant courses: Cumulative GPA: 3.7/4.0  
Principles of programming, digital systems and interfacing, computation, discrete mathematics

**Deeplearning.ai** Coursera  
3 courses: 05/2019 – 08/2019  
1) Neural Networks and Deep Learning   2) Improving Deep Neural Networks   3) Structuring Machine Learning Projects

## EXPERIENCE

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**Helping Hands** Mississauga, Ontario  
Software Developer 07/2019 – 08/2019

- Front-end web development using React with Material-UI and used git for collaboration
- Implemented an updated version of the web application from new design
- Worked on multiple features and used APIs such as Mapbox and Google Maps using axios
- Developed skills writing efficient code, problem solving skills, analytical skills and debugging skills

**Kumon** Brampton, Ontario  
Math Instructor 11/2016 – 08/2018

- Provided feedback to students through evaluation of high-level math
- Communicated to students of different skill levels to help understand math concepts

## PROJECTS

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**eyeSight** (<https://github.com/eshaanc20/eyeSight>) 05/2019 – 11/2019

- Mobile app that identifies dominant colors in an image to help people that have difficulties identifying colors
- Used React Native with Expo's camera module for front-end and used base64 to send images to the back-end
- Created a flask back-end using python with OpenCV and NumPy, and it was deployed to Heroku

**Devkit** (<https://devkit-ce752.firebaseio.com>) 08/2019 – 09/2019

- Web application that helps find an optimal software tool such as APIs for a project based on requirements
- Used React with material-UI for front-end with axios for making asynchronous requests to the back-end
- Created back-end using express.js and set up multiple get and post requests

**Announce** (<https://github.com/eshaanc20/Announce>) 02/2017 – 01/2019

- Account based web application allows for clubs to communicate with their members through announcements
- Heavy reliance on UI design, string indexing, JSON and local storage

## SKILLS

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|--------------|---------|-----------|----------------|--------|---------|
| • JavaScript | • React | • Node.js | • Express.js   | • HTML | • Keras |
| • Python     | • C     | • Angular | • React Native | • CSS  | • Git   |