

# David Nguyen

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A self-taught developer who is looking to make a career change to become a full stack web developer. Coming from a civil engineering background, I have always enjoyed tackling problems and coming up with creative solutions. Now I would like to use that skill to solve coding related problems. As a passionate developer, I am devoted to constantly learning new technologies and expanding my knowledge to become a better developer.

## PROJECTS

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### Stock Website | [stock-stalker.com](https://stock-stalker.com)

- Created a website that tracks the current and historical prices of stocks. Users can interact with the stock chart by changing the time frame or add a moving average line. Users who create an account can set up alert systems so when certain conditions are met, they will be notified via email.
- The full stack app was created using React, Flask and MongoDB. The frontend was deployed using AWS S3 and the backend was deployed using AWS EC2.

### Odin-book Project | [odinbookproj.herokuapp.com](https://odinbookproj.herokuapp.com)

- Created a social media website that mimics Facebook. The features available to users includes creating, liking and commenting on posts, adding friends and uploading display pictures.
- The full stack app was created using React, NodeJS, Express and MongoDB and deployed using Heroku.

## PROFESSIONAL EXPERIENCE

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### NBM Engineering Inc.

Oakville, ON

Design Technician

November 2018–April 2021

- Designed and prepared technical drawings for installation of aerial and underground telecommunication cables as per utility building codes.
- Performed structural analysis of utility poles to ensure the structure can withstand forces applied from existing and future installations.
- Trained and mentored new employees/team members thus leading to projects being completed faster and rejected at a lower frequency.

## EDUCATION

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### McMaster University

Hamilton, ON

Bachelor of Engineering – Civil Engineering and Management

June 2016

## SKILLS

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Languages: Javascript (ES6), Python, HTML, CSS

Frameworks/Libraries: Flask, Express.js, React, Mongoose, MongoEngine

Cloud Services: AWS (EC2, S3, Route 53, CloudFront)