

RAVEEN SINGH

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WORK EXPERIENCE

Bitcoin Bay

Software Engineering Intern

Aug 2018 - October 2018

- Implemented **OAuth** based authentication with **PassportJS**
- Handled real time payment with **Socket.io**
- Helped build the user interface using **React**
- Created **API Endpoints** with **NodeJs** that communicated the customers payment information

BTNX

Web Developer Intern

July 2018 - Aug 2018

- Part of a cross functional team to create responsive websites using **Visual Studio**
- Managed databases using **MySQL**
- Automated data aggregation by writing custom scripts

PROJECTS

Modus

Built a web application that curated a music playlist based on the weather using the **Dark Sky API** and **NodeJs**

Summarly

Built an application using **Python** and the **Keras** library to summarize articles of text

SKILLS

Languages:	Python, Javascript, Java
Frameworks/Libraries:	React/Redux, NodeJs, Express.js, jQuery
Data Operations:	MongoDb, MySQL, Firebase
Developer Tools:	Docker, Git, Travis CI

AWARDS

Finalist at Hack the North 2018 Hackathon

September 2018

Built a device that assists the hearing impaired by using sound triangulation and augmented reality using an **Arduino** combined with microphone sensors and a **Node.js** application

2nd place at AlphaHacks Hackathon

December 2018

Used Google's **Natural Language API** and the **Twitter API** to make a decision to buy or sell a stock based on the current sentiment

Best use of Machine Learning at EcHacks Hackathon

November 2018

Created a custom model using **Google's Cloud Vision API** to identify cognitive impairment built on top of a **React Native** application

EDUCATION

University of Waterloo

Bachelor of Computer Science, Co-op

Waterloo, ON

(Expected) Sep 2019 - May 2024