

# BRIJENDRA NAG

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## BAZAARVOICE

Software Engineering Intern

Joining the **API Infrastructure Team** as an Automation Engineer

Will be working with Java, Python, Jenkins, AWS, TestNG, and OAuth

Starting Jan 2018

Austin, Texas, USA



## BEYOND ONE EIGHTY

Software Developer Intern

May - Aug 2017

Waterloo, Ontario, Canada

Architected a **GIS** based user portal, from ground-up, to manage and visualize critical marine geodata  
Used **Backbone.js** for structuring the portal, **Node.js** on the backend, and **Mongoose** for data modelling  
**Reduced** database calls by **80%** and improved loading speed of the approval page, **exponentially**  
Streamlined cloud storage with a file indexer to deduplicate similar data from different channels  
Developed a **Python BS4** scraper to synchronize and integrate metadata of over **700** blog posts



## SEATSPLIT

Software Developer

Jul - Oct 2017

Guelph, Ontario, Canada (Remote)

Marketplace that connects fans leaving concerts or sporting events early with fans looking for tickets  
Implemented a conversational interface with **Node.js** to interact with Ticketmaster and Facebook APIs



## SPACEX HYPERLOOP: WATERLOO

Admin Team

Oct - Dec 2016

Waterloo, Ontario, Canada

Managed sponsorship relations and researched for writing journal articles to establish a strong PR  
Team successfully raised **\$ 43,416** through a [Kickstarter campaign](#) to fund prototype Hyperloop pod

## EDUCATION



Bachelor of Computer Science at University of Waterloo

Sep 2016 - Present

**Activities:** CS Club, Waterloo, Hack the North, HackPrinceton, NASA Space Apps, PennApps

**Relevant Coursework:** OOPs, Computer Organization, Logic, Functional Programming, Probability

## PROJECTS

github.com/brijendra98



Caffeine - Java, XML, Android Studio

Mar 2017

**Won 2nd Place** at Start Hacks for a product which prevents drivers from dozing off, reducing accidents  
Integrated 'Muse: the brain sensing headband', with an **Android App** via Bluetooth  
Processed real-time **brainwave & accelerometer** data to track head-position and monitor brain activity



Cryptobot - Node.js, Firebase, Azure Portal, Coinbase API, XE.com API

Sep 2017

Cryptocurrency trading assistant built at Hack the North to provide a layer of abstraction for beginners  
Deployed a **Node.js** webhook on **MS Azure** Bot Services and channelled it out to Facebook Messenger  
Integrated APIs to fetch latest news, change home currency, and perform transactions within the bot