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
Architected a **GIS** based user portal, from ground-up, to manage and visualize critical marine **geodata**
Utilized **Backbone.js MVC** framework for structuring the application 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

May – Aug 2017
Waterloo, Ontario, Canada

SEATSPLIT
Software Developer
Marketplace that connects fans leaving concerts or sporting events early with fans looking for tickets
Implemented a conversational interface which interacts with Ticketmaster and Facebook

Jul – Oct 2017
Guelph, Ontario, Canada (Remote)

SPACEX HYPERLOOP: WATERLOOP
Admin Team
Managed sponsorship relations and researched for writing journal articles for a strong PR
Team successfully raised **$ 43,416** through a Kickstarter campaign to fund prototype pod

Oct – Dec 2016
Waterloo, Ontario, Canada

EDUCATION

Bachelor of Computer Science at University of Waterloo   Sep 2016 – Present
Activities: CS Club, Waterloop, Hack the North, HackPrinceton, NASA Space Apps, PennApps
Relevant Coursework: OOPs, Computer Organization, Logic, Functional Programing, 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 Bluetooths
Processed real-time **brainwave & accelerometer** data to track head-position and monitor brain activity

Cryptbot – Node.js, Firebase, Coinbase API, XE.com API, Azure Portal   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