Amogh Nayak

Bachelor of Computer Science @ University of Waterloo

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Skills

Languages: Python, C/C++, JavaScript, GO, HTML, CSS   **Databases:** PostgreSQL, MangoDB, Big Query

Frameworks: jQuery, NodeJS, .NET, Django, AngularJS

Experience

THE WEATHER NETWORK (TWN)   Aug 2016 – Dec 2016

R&D Software Developer Intern

- Integrated a more sophisticated location tracking algorithm using Bluetooth Low Energy (BLE) at the same time reducing the battery consumption by 20%
- Implemented Pixel API to allow conversion metrix on advertisements that are on TWN's homepage.
- Improved client dashboard generation by introducing semi-automated processes.

Technologies used: Google's Big Query NodeJS, Amazon Web Services (AWS) and Bime Dashboards

HEALTHCARE OF ONTARIO PENSION PLAN (HOOPP)   Jan 2016 – Apr 2016

System Developer Intern

- Improved Request For Quote (RFQ) time duration by 50% as well as reducing manpower by 75%
- Automated the RFQ process by creating an online portal for trading market derivatives.
- Created UI regression test suites by using frameworks like Specflow, Selenium and MSTest

Technologies used: StreamBase CEP, .NET, AngularJS and Telerik Kendo UI.

CROWDRIFF LENS   May 2015 – Aug 2015

Software Developer Intern

- Developed various web scrapers for a variety of scenarios using Python libraries such as Beautiful Soup and Requests
- ETL processes using PostgreSQL and Golang libraries such as Goji, encoding/json and net/http
- Designed and implemented a custom interactive map using Mapbox studio and Mapbox.js

Technologies used: Python, GO, PostgreSQL and Mapbox.

Projects

StackOverflow Job Analyzer *(stackoverflowjobanalysis.herokuapp.com)*

- An online Flask application that uses StackOverFlow's job API and generates statistics on the jobs offered on it
  Technologies used: Python Flask, Bootstrap, Heroku, Highcharts

Currency Exchange Application (*currencyexapp.herokuapp.com*)

- An online Django application that provides currency exchange rates for all the popular currencies of the world
  Technologies used: Django, AJAX, Python, jQuery, Heroku, Highcharts

Education

UNIVERSITY OF WATERLOO – WATERLOO, ON   Aug 2014 – Aug 2019 (Expected)

Candidate for Honors Computer Science (CO-OP)