

Steven Dinhton Nguyen

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Experience

Software Engineer – Phreesia (Ottawa, ON) May 2018 – Aug. 2018

- Developed internal app to display paginated, sortable, filterable, and searchable customer records using .NET and Angular for company's tech support department.
- Worked with partner to build internal tool for creating and saving questionnaires with conditional logic. Built with Node, Mongo, Angular.
- Wrote integration and unit tests for .NET, did regression testing.

Full Stack Developer – Dejero Labs (Waterloo, ON) Sep. 2017 – Dec. 2017

- Developed customizable notification feature with team to allow customers to specify data usage thresholds to be notified when their streaming hardware exceeds their set threshold.
- Used RabbitMQ to implement an emailer service to notify customers.
- Developed web app to allow for customers to manage their video streaming hardware using Rails, AngularJS, MongoDB.

Full Stack Developer – Cognitive Systems (Waterloo, ON) Jan. 2017 – Apr. 2017

- Worked on Rails web app for owners of a home monitoring system to manage their security devices, customize settings, and view motion statistics. Ensured a responsive and modern UI.
- created and optimized API which both web and mobile apps relied on to receive interpreted and summarized motion data over specified time periods.
- wrote tests for Rails backend using RSpec, reaching 90% code coverage.
- wrote entirely custom data visualization with adjustable date ranges in D3.js for customers to visualize motion data, was displayed on front page of web app of home monitoring system.

Education

University of Waterloo September 2015 – present

Candidate for BES Geomatics and Computer Science Minor

Projects (source code available on GitHub)

Sentiment Analysis App Sept. 2019

- Built Express API server to receive search term and respond with sentiment analysis data from tweets
- Built React frontend app to interact with backend Express server. Deployed on AWS Elastic Beanstalk

Discord Messaging Bot Mar. 2019

- Developed on Node, allows users to type commands for tools such as fetching images from Reddit

Social Media Web App Apr. 2017

- Hackathon project. Is a paginated, responsive web app allowing for user creation, posts, and comments
- Built with Ruby on Rails and React.

Twitter Bot Nov. 2016

- simulates other twitter users using generated Markov chains.
- built using Python, deployed via Heroku.

2D Missile Game Apr. 2017

- developed on Unity Engine, coded in C#, built on WebGL (playable in browser).
- implements physics and collision system.

Skills

Languages: JavaScript, HTML, Ruby, C#, C++, Python, Java

Technologies: Ruby on Rails, .NET, Node, Express, Angular, React, D3.js, Git

Other: Agile, code reviews, JIRA, Bamboo, Trello