SAMUEL SAN

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samuelsan.github.io

EXPERIENCE

Hubdoc | Software Engineer Intern
Jan - Present | Toronto

- *Creating web scraping robots in Node.Js to automatically fetch financial documents thousands of times daily*
- *Building scripts to routinely extract metadata from invoices and bills*
- *Refactoring existing integrations to optimize performance by 10 times*

GatewayiQ | Full-Stack Web Developer Intern
May - August 2016 | Cambridge

- *Developed with PHP in Laravel for a new enterprise software release*
- *Optimized subscription billing system to reduce server costs by 20%*
- *Implemented credit card payments, pagination, and systemd timers*

Laravel PHP Framework | Open Source Contributor
May - August 2016

- Fixed routing error for external API SDK calls to Service Providers
- Updated documentation to include missing features in source code

PROJECTS

Gify | Node.js, JavasScript, jQuery, PubNub, Giphy, NLP
- *Natural language processing chat bot that replies in Gifs*
- *Trained language for appropriate speech to text conversion*

Sous-Chef | MEAN, Amazon AWS + Alexa, Firebase
- *Voice-activated personal kitchen assistant built on Amazon Alexa*
- *Capable of handling questions about recipes and ingredients*

Mint Tree | Angular 2, Firebase, JavaScript, jQuery, Intuit Mint
- *Interactive application that helps students manage their budget*
- *Won Top 3 Hack for best implementation of Intuit's Mint API*

Carousel Web App | Rails, PostgreSQL, Ruby
- *Devised physics algorithms for realistic gameplay*
- *Employed Facebook API authentication for logins*

More Projects | visit *samuelsan.github.io*

SKILLS

Languages:
C++, C, JavaScript, PHP, Ruby Python, Java, Octave

Databases:
PostgreSQL, SQLite, Neo4j

Frameworks:
Node.js, Laravel, Rails, Angular 2

AWARDS

Yale Hacks (2016)
Top 3 Hack for Intuit's API

Shad Valley Engineering Entrance Scholarship (2015)
Shad Valley and University of Waterloo

President's Scholarship of Distinction (2015)
University of Waterloo

Two time winner of national writing contests
English and French

Duke of Edinburgh's Award
Gold Award

EDUCATION

University of Waterloo
Software Engineering (2015-2020)

Stanford University
Coursera: Machine Learning

Lighthouse Labs:
Web Development Bootcamp