

SAMUEL SAN

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EXPERIENCE

Hubdoc | Software Engineer Intern

Jan - Present | Toronto, Canada

- 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, Canada

- 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 cron jobs

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

Trip Booster | Android, Java, Google Maps API

- Android mobile app that reroutes your original trip from points A to B to visit places of interests along the way
- Data collected from the City of Waterloo's open data API

Gify | Node.js, JavaScript, jQuery, PubNub, Giphy, NLP

- Natural language processing chat bot that replies in Gifs
- Trained language for appropriate speech to text conversion

Mint Tree | Angular 2, JavaScript, jQuery, Firebase, Intuit Mint

- Interactive application that helps students manage their budget
- Animated Owl expresses different emotions based on your spending

Sous-Chef | MEAN, Amazon AWS + Alexa, Firebase

- Voice-activated personal kitchen assistant built on Amazon Alexa
- Capable of handling questions about recipes and ingredients

More Projects | visit samuelsan.github.io

SKILLS

Languages:

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

Technologies

PostgreSQL, SQLite, Neo4j, Firebase
Node.js, Laravel, Rails, Angular 2
Android, jQuery, Git, Vim, MATLAB

AWARDS

CodeFest Hackathon (2017)

First Place and Grand Prize of \$1000

Waterloo Winter EngHack (2017)

Top 10 Hacks Overall

Yale Hacks (2016)

Top 3 Hacks for Intuit's API

Shad Valley Engineering

Entrance Scholarship (2015)

Shad Valley & University of Waterloo

Two Time Winner of National

Writing Contests

English and French

LEADERSHIP

Waterloo Spring EngHack (2017)

Director of UWaterloo's Hackathon

EDUCATION

University of Waterloo

Software Engineering (2015-2020)

Stanford University

Coursera: Machine Learning (2016)

Lighthouse Labs:

Web Development Bootcamp (2015)