rohan**smith**

software architect | web application developer | embedded hardware electronics developer

contact

Idlewild Trace
Mt. Grace
Tobago
Trinidad & Tobago

+1 (868) 706-0848

skype://rohanthesmith

rohan@exterbox.com
@frazras
drupal://frazras
github://frazras
stackexchange://frazras
LinkedIn://rohan

languages

English (first)
Spanish (learning)
Jamaican Creole
(informal)

programming

PHP, JavaScript,
HTML, CSS, SQL,
Java, Embedded
C/C++, Assembly,
Python, Bash, Scheme,
Haskell.

education

2007–2013	**Masters** of Philosophy (Computer Science)	The University of the West Indies, Mona

[pending thesis submission]
X10ABOT:The Modular, Extensible, Scalable Robotics Platform.

2004–2007	**Bachelor** of Science	The University of the West Indies, Mona

Computer Science & Electronics *(Double Major)*

experience

2013–present	**Atrenet**	Santa Cruz, California, U.S.A.

Web Engineer
Sitebuilding, architecting and development.
- Implemented a Drupal configuration deployment strategy
- Developed Multilingual sites
- Site themeing & Mobile responsive design

2012–2013	**Thinkdrop LLC**	Brooklyn, New York, U.S.A.

Backend Drupal Developer
Developed Drupal modules and features for various web applications. Maintained the company's website, developed Thinkdrop's in-house products and contributed to their open-source projects.
- Learned web-server backend automation with the chef project.
- Wrote an open-source Drupal module for unit testing and contributed to other company made proprietary and open-source modules.
- Worked with a multi-member team on git using SCRUM methodology.
- Helped to develop user requirements and implement them.
- Worked with the Github API.
- Maintained the sense of humor in the team :-)

2012–2012	**That Exactly & Bside Studios**	Miami, Florida, U.S.A.

Drupal and PHP Developer
Did utility work for two sister companies, from server configuration to Javascript.
- Developed Content Staging site for writers using Drupal Workbench.
- PHP development with the Rackspace API to do automated backups
- Drupal Javascript and AJAX work, Linux system administration.

2007-Now	**Exterbox**	Kingston, jamaica

Co-founder/Technical Lead
Exterbox is my startup company where I do any interesting projects that may fall in the field of web or embedded electronics development. We work on creating *"out-of-the-box"* ideas to solve a client's needs or just to create cool products.
- Managed 6 member remote team of developers and designers.
- Scoping, requirements gathering, recruitment, training for numerous projects.
- Developed a infra-red perimeter security system for farmers.
- The X10ABOT Robotics Development System *(in development)*.
- *Worked with SMS modems, Twilio and the Drupal SMS Framework*

Technological Skills

Languages:

- **Proficient:** PHP, Python(Flask Framework), Java, Embedded C/C++, JavaScript, HTML5, CSS(SASS/SCSS), SQL.
- **Capable:** Bash, Scheme, Haskell, Assembly.
- **Used once or twice:** ASP, Matlab, VB6, Perl, Ruby.
- **Applications:**L.A.M.P, MongoDB, PostgreSQL, LaTeX, Arduino, Drupal, Adobe Design Suite, Git.
- **Drupal Specific:** Drupal 4.7,5.x,6.x,7.x,8.x, Solr, Drush, Features, Aegir, Panels, Ctools, Context, S.E.O, Display Suite, Workbench, Rules, Commerce, Entities, Omega, Twitter-Bootstrap, Devshop.

online profiles

I am active in a number of online communities:

- **Drupal:** http://drupal.org/user/34622
- **Github:** https://github.com/frazras
- **StackOverflow:** http://stackoverflow.com/users/1106420/frazras
- **StackExchange:** http://stackexchange.com/users/530574/frazras?tab=accounts
- **Twitter:** http://twitter.com/frazras
- **Linkedin:** http://jm.linkedin.com/in/rohansmith
- **Skype:** http://myskype.info/rohanthesmith

interests

professional: Web development, training, UX design, mobile development, linux and server configuration, site searching, application architecting, marketing, idea brainstorming, embedded development, automation, robotics, telemetry, electronic security, computer and social networking, computer hardware, project management **personal:** hiking, photography, music, cooking, football(soccer), long-distance running.

communication skills

2013	**Oral Presentation and Written Paper**	IEEE South East Conference 2013, Jacksonville, Florida, U.S.A
		Presented the research I conducted for my Masters of Philosophy degree.
2008	**Poster**	Pure & Applied Sciences Conference, UWI, Mona, Jamaica
		Presented the research I conducted for my Masters of Philosophy degree.

useful assets

- Driver's License
- United States Non-Immigrant B1/B2 Visa