*(210)-693-4790*
*alex@heyimalex.com*
*github.com/heyimalex*
*San Antonio, TX*

# Alex Guerra

**Developer**
Loves programming. Diverse set of skills from a variety of open source side projects.
Pretty nice person. Willing to relocate anywhere.

## PROJECTS

### s3tup

*github.com/heyimalex/s3tup*

Declarative configuration management and deployment tool for
Amazon S3. Documentation and support all provided by me,
with 1k+ downloads in the last month alone. Available via PyPI;
`pip install s3tup.`

### OkCreeper

*github.com/heyimalex/okcreeper*

Flask based webapp that allowed users to browse OkCupid profiles
anonymously. 2k+ daily users, responsive design, AngularJS on the
frontend, and one touch deployments to EC2 using Ansible on the
backend. Well loved, but OkCupid recently sent me a polite takedown
request and I complied after open sourcing the code.

### rratelimit

*github.com/heyimalex/rratelimit*

Rate limiting python package for use with Redis and redis-py.
Internally uses Redis' EVALSHA command and some Lua scripts
for the bulk of the work.  Readme has information about algorithmic
efficiency on each of the limiters it provides. Available via PyPI;
`pip install rratelimit.`

### CometConfessional

*github.com/heyimalex/comet-confessional*

Flask based anonymous discussion board for UT Dallas students.
Aggressive full-page caching via Redis, hosted on EC2 with assets
served by S3+Cloudfront. Had to be taken down as students began
to abuse each other with it, but it's still reachable in read-only mode at
cometconfessional.com.

### pngz

*github.com/heyimalex/pngz*

The most powerful PNG optimizer ever. Work in progress.

## SKILLS

**Languages**: Python, Php,
Javascript, C, Java

**Backend**: SQL (MySQL,
Postgres), ORM (SQLAlchemy,
Doctrine), Redis, Memcached,
Flask, Celery, Django,
CodeIgniter

**Frontend**: HTML, CSS+Sass,
AJAX, jQuery, AngularJS,
Photoshop, decent design skills

**Ops**: Ansible, Puppet, Fabric,
Linux with most relevant
experience in Ubuntu, Git,
Vagrant, Nginx, Apache, uWSGI,
experience provisioning and
deploying production apps to
EC2 and Linode boxes

**Misc**: Writes about programming
occasionally at heyimalex.com,
800 on math SAT, into OSS,
loves rock climbing

## EDUCATION

**Studied Computer Engineering**
University of Texas at Dallas
Richardson, TX 78050
*2010 - 2013*