

# JOSHUA GUTHALS

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Portfolio [joshuaguthals.herokuapp.com](http://joshuaguthals.herokuapp.com) | GitHub [github.com/zioplox11](https://github.com/zioplox11) | LinkedIn [linkedin.com/in/jguthals](https://linkedin.com/in/jguthals)

## Skills

Full-Stack Development, Agile/Scrum, TDD (RSpec), Ruby/Rails, SQL, Redis, JS, CSS3, HTML5

## Experience

### Mobile Commons by Upland Software

New York, NY

#### Senior Software Engineer

Dec 2015 - Current

- Agile team-member for SMS & MMS-based CRM that processes millions of text messages daily.
- Pure SQL reporting, Multi-language character sets, integration w partner (HipCricket), API expansion.
- Shortcode provisioning, customized messaging, multi-part SMS, text-to-donate, international texting.
- Clients: American Red Cross, DoSomething.org, Hillary Clinton Campaign, MTA, The College Board.

### Mobile Commons

New York, NY

#### Junior Developer, Software Engineer Apprentice

July 2014 - Dec 2015

- Automated system testing & built intuitive UI for non-technical staff to quickly reset failing devices.
- Built Android-based relayer, allowing global access to US-based smoking cessation campaign.

### Research Foundation CUNY (Center for HIV Studies)

New York, NY

#### Recruitment Specialist & Webmaster

Feb 2012 - Dec 2013

- Managed 20+ recruiters; doubled recruitment yields, closed recruitment early on multiple studies.
- Designed web-site interface for recruitment reporting & time-sheet logging. Qualtrics, MS Access.

## Education

### General Assembly

New York, NY

#### Web Development Immersive Student

Jan 2013 - Sept 2014

- Completed four months of full time intensive weekly classes led by industry professionals.
- Developed web applications based on course trainings — e.g. “Prowl”, Backbone-based LGBT networking site & “MyBoro”, one-page site with geolocation-based scrape of Google Movies’ API.

### New York University

New York, NY

#### Master of Music: Music Technology

2009-12

- GPA: 3.9/4.0; Tonmeister with honors certificate. Courses in C/C++, Digital Signal Theory, Acoustics.
- Master's Thesis on pitch correction chosen as instructional guide for future Master's candidates.

### Rice University

Houston, TX

#### Bachelor of Arts: Psychology & English Literature

- GPA: 3.8/4.0; Cum Laude. National Merit Scholar.

### University of Oxford

Oxford, England

#### Direct Exchange Programme: Developmental Psychology & British Modernist Literature

## Additional Interests

### NYC HIV Planning Group Board member, MCE Subcommittee

Jan 2014 - Current

- Appointed member of Dept. of Health board, Co-chair of Membership & Community Engagement.