

Michael Garate

Software Engineer
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EDUCATION

New York University, Gallatin School of Individualized Study (May 2015)

- BA in Individualized Study: **Technological Entrepreneurship**, combining undergraduate and graduate level Computer Science studies with business courses.
- GPA: 3.65, Dean's List 2011, 2013.

hackNY Fellow, class of 2014

- Lived and worked in NYC with a community of passionate computer science students and mentors.
- Attended speaker series on the process of founding a startup.

EXPERIENCE

Etsy, New York City | etsy.com

Software Engineer, July 2015-Current

- Add features to Promoted Listings to support user discovery of new items.
- Create graphs to monitor site performance and understand product usage.
- Contribute to open source [Deployinator](#) gem.

Wildcard, New York City | www.trywildcard.com

Software Engineering Intern, May-August 2014

- Designed public-facing API, led development of SDK in Java and Rails application for partners to programmatically provide structured data for the Wildcard iOS app.
- Developed product features on Java 7 Dropwizard platform, using Jersey for REST and Jackson for JSON serialization/deserialization.
- Exercised collaborative workflow with unit tests, Git, pull requests, code reviews, and staging environments.

4Site Interactive Studios, Washington, DC

Assistant Developer, June-August 2011, January-July 2012, June-August 2013

- Developed Drupal, WordPress, and HTML-powered websites in communication with graphic designer, lead developer, project manager, and clients.
- Exercised best practices for mobile and standard web design; created logos and promotional material for clients.

PROJECTS

Labthing.com Collaborative business planning service. Built Ruby on Rails application with user authentication, voting, and user reputation. www.labthing.com

Flyerpenguin.com Generate a print-ready flyer from a Facebook event URL. 1st Place at Spring 2014 hackNY Student Hackathon, presented at the June 2014 New York Tech Meetup. flyerpenguin.com

Bleep.js Library with asynchronous tone generation for composing music in JavaScript. www.github.com/mpgarate/bleep.js

LoveXTC Java to C++ translator written in Java with team of NYU students.

Visa Prototype Mobile payment sharing app prototype for Visa Inc. made at Mobext's Brief24 event.

CifraChat Encrypted communication channel for two-person messaging. cifrachat.com

TECHNICAL SKILLS

Languages

Proficient in Java, PHP, Ruby, JavaScript, Scala, HTML/CSS
Familiar with Rust, Go, Python, C

Platforms

Frameworks & Tools

Multimedia

Spoken Languages

Debian and Ubuntu Linux, OS X, Windows; AWS, Heroku, Vagrant
Rails, Sinatra, Express, Dropwizard; Bootstrap, Git, Vim; MongoDB
Adobe Photoshop, AfterEffects, Ableton Live, FL Studio; Photography
English, Spanish

INTERESTS

- Online learning: completed Stanford Startup Engineering course with distinction (on Coursera).
- Collaborative learning and tutoring: Grader for NYU CS101 Intro to Computer Science, Fall 2014.
- Hackathons
- Produced solo and collaborative music. emoticondream.com
- Music producer and keyboardist for award-winning electronic rock band Power Pirate, 2007-2011. www.powerpirate.com
- Travel in Spain, India, Germany, Belgium, the Netherlands, Poland, Turkey, Brazil, and more.