

# Thomas Gebert

1071 Saint Nicholas Ave. – New York, NY – United States

☎ 214-355-8547 • ✉ [thomas@gebert.sexy](mailto:thomas@gebert.sexy) • 🌐 [www.gebert.sexy](http://www.gebert.sexy)

## Computer skills

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Erlang/OTP	Angular.JS	Play Framework	Bash
Go	React	tmux	Zsh
L <sup>A</sup> T <sub>E</sub> X	Redux	Git	Python
CoffeeScript	jQuery	Vim	Django
JavaScript	Haskell	Emacs	FFMpeg
Node.JS	Ruby	C	FreeBSD
Express	Ruby On Rails	C++	PFSense
Socket.IO	Ejabberd	Java	FreeNAS
Koa	Elixir	Scala	

## Education

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**Florida State University**  
*Mathematics*

**Tallahassee, Florida**  
2010–2016

## Experience

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### **Tone Mobile**

*Software Engineer*

**New York, New York**

*September 2015 – Present*

- Write and maintain Erlang backends
- Create modules for Ejabberd
- Integrate chat server with Node.js backend
- Integrate live-chats with AngularJS

### **New York University**

*Junior Research Scientist*

**New York, New York**

*March 2015 – September 2015*

- Debug Angular.JS frontends.
- Debug Scala backends.
- Help write Haskell backends.
- Programmatically use FFMpeg for video transcoding.

### **Sq1**

*Application Developer*

**Dallas, Texas**

*May 2014 – February 2015*

- Wrote web applications using Angular.JS and Node.JS.
- Wrote deployment scripts for web applications.
- Deployed on:
  - Daikin Comfort Marketing Website
  - Shell Gasoline Coupon Portal - Lead Developer
  - Jiffy Lube Coupon Portal - Lead Maintainers

**Senico, LLC***Software Engineer***Dallas, Texas***June 2013 – April 2014*

- o Wrote web-application servers in Node.JS
- o Created an MVC-compliant web-framework for Koajs
- o Wrote web-application frontends in Angular.JS
- o Wrote application backends for mobile applications
- o Managed projects in Symfony, CodeIgniter, and Node.JS
- o Deployed on:
  - MPW Video Portal
  - Caddis Heartis Retirement Home Finder
  - Alpha Athlete Social Gym (Renamed to LOASC)

**Propulsion Labs***Software Engineer***Dallas, Texas***January 2013 – June 2013*

- o Wrote applications for iOS
- o Created applications using PhoneGap and Cordova
- o Wrote programs using JavaScript and KendoUI
- o Lead Engineer for ABB Mobile App

**Amerinational Management Services***Web Developer***Orlando, Florida***January 2012 – December 2012*

- o Wrote web applications in Flash and Coldfusion
- o Wrote SQL scripts for SQL Server

**Lockheed Martin***Software Engineering Intern***Orlando, Florida***May 2011 – August 2011*

- o Wrote image processing software.
- o Obtained security clearance.
- o Ported software to ARM CPUs.
- o Optimized C++ backend
- o Utilized the OpenCV library.

**Side Projects**

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**Frameworky: Erlang:** A massively scalable MVC Framework for Erlang that (currently) handles loads of 200,000 concurrent users on a single machine, with composable routes to allow rapid development

**Frameworky: Promise Edition:** An MVC framework for Node.JS allowing for composable routes

**Haskell Parallel Fizzbuzz:** An implementation of the classic "Fizzbuzz" in Haskell, running in-parallel.

**Fetchkeys:** A command-line utility to get SSH public keys from Github.

**Yil:** A library for Koajs to convert callback-style functions into a yield-friendly generator.

**HGOL:** An implementation of Conway's Game of Life, written in Haskell.

**StockScrape:** An application to scrape Yahoo Stocks, written in Haskell

For more, please visit [github.com/tombert](https://github.com/tombert)

## References

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Bobby Gammill

Colleague: 407-913-9973

Darren Green

Coworker: 214-302-7807

Will Nielsen

Manager: 972-983-6228

Owen Ambrose

Coworker: 337-335-8520

Michael Lage

Coworker: 214-918-4569

Ron Chin

Coworker: 347-765-3846