

Thomas Gebert

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

☎ 214-355-8547 • ✉ thomas@gebert.sexy • 🌐 www.gebert.sexy

Computer skills

Haskell	JavaScript	tmux	Python
Erlang/OTP	Node.JS	Git	Django
F#	Idris	Rust	FFMpeg
Go	Ejabberd	Vim	FreeBSD
L ^A T _E X	Play Framework	Scala	FreeNAS

Experience

Jet.com

Software Engineer

Hoboken, New Jersey

July 2016 – Present

- Write Microservices in F#
- Write a push notification server
- Rebuilt the transactional email system to scale to Jet.com size
 - Handles every Order Confirmation, Item Shipped, Order Cancelled, and Password Reset email on the website.
- Taught the F# language during code bootcamps.
- Utilized TensorFlow Machine Learning to recommend products and choose ideal times to send marketing emails.
- Built a functioning and scalable Youtube clone during hackathon.

Tone Mobile

Software Engineer

New York, New York

September 2015 – June 2016

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

New York University

Research Scientist

New York, New York

March 2015 – September 2015

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

Sq1

Application Developer

Dallas, Texas

May 2014 – February 2015

- o Wrote web applications using AngularJS and NodeJS.
- o Wrote deployment scripts for web applications.
- o 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 NodeJS
- o Created an MVC-compliant web-framework for KoaJS
- o Wrote web-application frontends in AngularJS
- o Wrote application backends for mobile applications
- o Managed projects in Symfony, CodeIgniter, and NodeJS
- 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

Frameworkkey: 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

Frameworkkey: Promise Edition: An MVC framework for NodeJS 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

Education

Florida State University
Mathematics

Tallahassee, Florida
2010–2016