

Thomas Gebert

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Computer skills

Haskell	Socket.IO	Tmux	Scala
Go	Koa	Git	Bash
L ^A T _E X	Angular.JS	Vim	Zsh
CoffeeScript	jQuery	Emacs	Python
JavaScript	Erlang/OTP	C	Django
Node.JS	Elixir	C++	FFMpeg
Express	Play Framework	Java	FreeBSD

Education

Florida State University

Mathematics

Tallahassee, Florida

2010–2016

Experience

New York University

Junior Research Scientist

New York, New York

March 2015 – Present

- 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.
- Lead the developer for the Shell Gasoline revamped coupon portal.

Senico, LLC

Software Engineer

Dallas, Texas

June 2013 – April 2014

- Wrote web-application servers in Node.JS
- Created an MVC-compliant web-framework for KoaJS
- Wrote web-application frontends in Angular.JS
- Wrote application backends for mobile applications
- Managed projects in Symfony, CodeIgniter, and Node.JS

Propulsion Labs

Software Engineer

Dallas, Texas

January 2013 – June 2013

- Wrote applications for iOS
- Created applications using PhoneGap and Cordova
- Wrote programs using JavaScript and KendoUI

Amerinational Management Services

Web Developer

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

Orlando, Florida

January 2012 – December 2012

Lockheed Martin

Software Engineering Intern

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

Orlando, Florida

May 2011 – August 2011

Side Projects

Frameworkkey: An MVC Framework for KoaJS

Frameworkkey: 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

References

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