

GATLIN C JOHNSON

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EDUCATION

University of Texas, Austin
B.S. in Computer Science

June 2012

SELECTED EXPERIENCE

Remedy

Software Development and Support

December 2017 - Present

Austin, TX

- Full-stack design and development of the booking application with React and Flask.
- Developed bespoke management tools and integrated with a variety of other services.
- Setup and ongoing maintenance of internal servers.

Fluxbucket, LLC

Software Developer

July 2017 - December 2017

Austin, TX

- Worked on a variety of projects in a development role, including React Native mobile development and custom NodeJS bindings to GStreamer.

Shady Hill Studios

Software Developer

June 2016 - July 2017

Austin, TX

- Designed and built a collaborative document editing system based on operational transformation.
- Consulted on the architecture of a live product, Lunamoons.com.

Know Your Contracts

Software Developer and Manager

March 2014 - February 2015

Austin, TX

- Designed and built a platform for guided processing of contracts into ontologies.
- Worked full-stack on a reactive web application to use said ontologies.

SELECTED PROJECTS & OTHER WORKS

tubes

<http://hackage.haskell.org/package/tubes>

- Stream processing library for Haskell. It began as an excuse to learn more about Haskell development and became a useful library in the same space as **pipes** and **conduit**.

Alm

<https://github.com/gatlin/Alm>

- A functional reactive TypeScript library for building declarative applications. Features a virtual DOM, JSX support,

Essays

<http://niltag.net/essays>

- Miscellaneous programming and computer science essays written for myself and others on various topics.

TECHNICAL STRENGTHS

Computer Languages
Topics
Tools

Haskell, Python, JavaScript, TypeScript, Java, Perl, C/C++, Scheme
Programming languages, type theory, automated reasoning, some category theory
git, emacs, vim, make, node, bash, unix, IDEA if need be