

# Daniel Lewis

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I'm a software engineer with 5 years professional experience. I'm available for software consulting.

## EXPERIENCE

### Thrillbox

Oct 2017 – May 2018

Austin, TX, USA

As an independant contractor I built the Thrillbox Workbench, a dashboard and admin utility for clients to manage their content it's associated metadata, as well as view usage metrics. Technologies used include React.js, Redux, Redux-Saga, Typescript, Styled Components, Node.js, and Hapi

### System Social

May 2017 – Sep 2017

Austin, TX, USA

As an independant contractor I built out a set of reports within the system social dashboard. Through these reports the users of the system social platform can see detailed metrics on the effectiveness of their campaigns. Technologies used include jQuery and d3

### Quantum Interface

Oct 2016 – May 2017

Austin, TX, USA

As an independant contractor I built several demos and proof of concepts of Quantum Interface UI/UX designs for VR, AR, and Mobile. All projects were done using Unity3D.

### Snapchat

Jul 2014 – Jun 2015

Venice, USA

Part of the Monetization team, I built and maintained the web tools and interfaces to several of the company's products. These included the internally used curation tools for both live stories and geofilters, as well as the public facing geofilter submission page at <https://www.snapchat.com/geofilters>. Technologies used include Backbone, jQuery, React/Flux, and Angular.

### Buzzpoints

May 2013 – Feb 2014

Austin, TX, USA

As part of a team of engineers doing Java/Spring backend and a Backbone/Angular front end, I wrote the suite of front end unit tests (Selenium) and led a reengineering of the company's email marketing system using Mailchimp.

## PROJECTS

### Leafcutter

Apr 2018 – Present

A max for live device inspired by the IntelliJ sequencer module Metropolis, expanded and altered to use the Monome 128 Grid for its interface. Currently in development.

## Rosebud

Dec 2016 – Present

Rosebud is a retro graphics engine, based on Pico-8, that allows developers to make professional quality games with a retro aesthetic easily. Written in C++, the engine exists as a drop in library for easy integration into existing applications.

## Paco-8

Jan 2016 – Feb 2016

Paco-8 is a port/reverse-engineering/reimagining of the Pico-8 game platform by Lexaloffle Games for the JavaScript platform. Eventually abandoned in favor of Rosebud

## PROFICIENCIES

- Front-end web development
- Javascript and Typescript
- React.js
- Rapid prototyping
- Low level, native applications
- C/C++/Rust
- Unity3D

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References available upon request