

# Ryan Tuck

ryantuck.io

@ryntck

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ryan@ryantuck.io

I'm seeking compelling work in an environment where I can shoulder responsibility and innovate. I'm equally at-home automating cloud infrastructure deployment as I am collaborating with non-technical stakeholders, and care deeply about the ergonomics of products I maintain. I feel most alive in chaotic environments and am more than capable of delivering competent and pragmatic solutions to any problem thrown my way.

## Warby Parker

### Tech Lead, Business Intelligence

2019-06 - Present

- > Acted as tech lead for a team of five BI engineers serving hundreds of corporate users
- > Defined best practices and style guide documents for SQL dimensional modeling and Looker development
- > Led design and implementation of core data model rebuilds and Looker restructure, to take advantage of consistent dimensional modeling techniques

### Senior Data Engineer

2019-01 - Present

- > Built lookmlint, the first open-source linter for LookML
- > Built data lineage graph and web interface to understand data flow between our hundreds of integrations and SQL builds to their corresponding Looker views and explores
- > Mentored a promising analyst into a career as a data engineer

### Mid-level Software Engineer

2017 - 2018

- > Migrated multiple complex spreadsheet workflows into robust SQL data models
- > Built Pipes during a hackathon, a heavily-used Zapier-esque internal tool / chat bot for regularly moving data from spreadsheets to Looker and vice-versa, scaling to ~100 users and ~1000 pipes that stands to this day
- > Built internal Jupyterlab and RStudio servers for users to avoid local setup headaches

### Junior Software Engineer

2015 - 2016

- > Architected in-house python orchestration framework and managed necessary EC2 infrastructure and ansible / fabric continuous deployment
- > Acted as sole developer for E(T)L integrations
- > Started monthly SQL training classes, attended by roughly 100 employees over the course of two years

## LIT

### Founder

2012 - 2014

- > Invented the LIT Halo, an LED headband with sophisticated audio-response, for the electronic dance music community
- > Raised \$17000 on Kickstarter in May 2014, falling short of necessary goal amount
- > As part of a two-person team, oversaw all aspects of hardware development, PCB design and manufacturing, C++ software development, website and marketing efforts, and LLC formation

## Skills

### Data Engineering

- > Python
- > SQL

### AWS / GCP

- > RDS
- > DynamoDB
- > Lambda
- > EC2
- > Fargate
- > S3
- > IAM
- > API Gateway
- > Google Cloud Storage

### Business Intelligence

- > Looker
- > Dimensional Modeling
- > Spreadsheets

### Software development

- > Docker
- > CircleCI
- > Jenkins
- > Unix
- > vim
- > git

### Etc

- > Electrical engineering
- > Arduino
- > Raspberry Pi
- > React
- > R

## Education

### Northeastern University

BS Physics and Philosophy

2007 - 2012