Ryan Tuck

ryantuck.io 🌐

@ryntck 🐦

@ryantuck ⌂

@ryantuck 📄

ryntck@gmail.com ✉

I'm looking for compelling and meaningful work in an environment where I can shoulder responsibility and innovate. If you're looking for someone who's competent, scrappy, thrives under uncertainty, and can slot into any role necessary, I'm your guy.

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
> Collaborated on development of 2020 data engineering roadmap
> 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