Ryan Tuck

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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