**HUNTER CARLISLE**



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### **WORK EXPERIENCE**

TWENTIETH CENTURY FOX FILM CORPORATION

Software Engineer, International Tax Technology | October 2017 – December 2018

* Built Neural Network Model to Predict Audit Risk Factors for Foreign Tax Filings
* Automated categorization of local tax documents by business unit and country, extracting data for ingest into Excel.

### Consultant, Production Tax Incentives | February 2013 – August 2014

* Managed intra-company tax incentive reporting and forecasting, including SQL database maintenance and reporting
* Liaised with domestic and foreign film commissions in preparation for production
* Created monetization and receivable tracking reports (MS Excel, VBA) which were distributed to key executives company-wide

## NBCUNIVERSAL TELEVISION

### Web Developer, Television Production Finance Technology | August 2014 – October 2017

* Managed Development and Rollout of Finance Technology Portal, AP Vendor Automation System (MS Sharepoint, HTML/CSS, Javascript, Bootstrap)
* SAP System Expert for Television Production and Distribution Business Units
* Facilitated transition of UTV/UCP development units from production accounting systems to corporate AP portal
* Lead, Finance Policy Review Board and Production Tax Reporting Team

## METASLATE

### Co-Founder, Engineering and Operations | March 2018 – Present

* Use Convolutional Neural Network to automate film editing and logging by classifying, segmenting, and performing OCR to automatically read film slates in raw video files.
* Apply General Adversarial Network and LSTM+CNN to video footage to generate probabilistic determinations of corresponding audio file, allowing syncing of video to audio without captured low-fidelity camera audio.

# EDUCATION

## UNIVERSITY OF CALIFORNIA, LOS ANGELES

## B.A. Philosophy, Mathematics/Economics | May 2019

* G&M Ball Scholar
* Relevant Work: Algorithmic Theory, Computational Complexity, Advanced OS, Parallel Computing

## FOOTHILL COLLEGE

## A.S. Computer Science | May 2019

## Outstanding Working Student Scholarship

## Dean's List x5

## Relevant Work: Python, C++, SQL

## FLATIRON SCHOOL

## Full-Stack Engineering Bootcamp | June 2018

### Relevant Work: Ruby (+Rails), Javascript, React, Node.js, Sinatra, HTML/CSS, Redux

# TECHNICAL SKILLS

* Machine Learning Techniques (Regression, Forward and Back Propogation, Clustering, kNN, Decision Trees, CNNs, RNNs, GANs, LSTM) and Frameworks (Tensorflow, Keras, PyTorch)
* Software Development: Python, Java, C++, SQL, Shell Scripting, Ruby, Javascript, HTML/CSS, React
* Advanced OS and Parallel Computing
* Expert Microsoft (Sharepoint, Excel, Outlook, Word, Access, Publisher, PowerPoint, Project)
* UAT, Agile/Iterative/Waterfall Development
* Top-Down Algorithm Development
* TV and Film Production Accounting Software (Vista, PSL)
* Accounting Software: Microsoft Dynamics GP, Quickbooks, SAP
* Other (Acenza, Peoplesoft, Blueprint)
* Advanced Mathematics (Linear Algebra, Calculus, Statistics)