

# HUNTER CARLISLE

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## WORK EXPERIENCE

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### 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

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### 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

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- Machine Learning Techniques (Regression, Forward and Back Propagation, 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)