Adam Teuscher

adamteuscher.com · adam.m.teuscher@gmail.com

EDUCATION

BS Computer Science, Emphasis in Data Science   Apr 2021
Brigham Young University   Provo, UT
- Cumulative GPA 3.72

PUBLICATIONS & RESEARCH

- C. Anderson, A. Teuscher, E. Anderson, A. Larsen, J. Shirley, R. Farrell, "Have Fun Storming the Castle(s)!", IEEE Winter Conference on Applications of Computer Vision (WACV), January 2021
- M. Gwilliam, A. Teuscher, C. Anderson, R. Farrell, "Fair Comparison: Quantifying Variance in Results for Fine-grained Visual Categorization", IEEE Winter Conference on Applications of Computer Vision (WACV), January 2021
- C. Anderson, M. Gwilliam, A. Teuscher, A. Merrill, R. Farrell, "Facing the Hard Problems in FGVC", arXiv preprint

EXPERIENCE

Software Engineer (data science team)   Aug 2021 – present
Smart Vision Works   Orem, UT
- Previous responsibility for feature requests and implementation of in-house labeling tools
- Train and evaluate computer vision models weekly, often using SOTA architectures on edge devices
- Original implementation of PyTorch Lightning model training pipeline
- "Tech lead" role for certain customers: communication and explanation of ML concepts
- Data cleaning, hardware-specific model inference speed research, core image processing optimizations

Research Assistant   Sep 2019 – April 2021
BYU Vision Lab   Provo, UT
- Research focus on deep learning methods for fine-grained visual categorization
- Created backend models and APIs (TorchServe) for wildlife recognition smartphone application intended for use at local butterfly biosphere exhibit

Summer Analyst   Jul 2020 – Aug 2020
Goldman Sachs   Remote
- Studied liquidity metrics with Salt Lake City-based Corporate Treasury Strats team
- Identified and reconciled slippage on large transactions in the wake of COVID-19 market instability

Software Development Intern   May 2019 - Jul 2019
Clothing Tech LLC   Austin, TX
- Wrote data model and algorithms in C# for extracting garment specifications from PDFs
- Identified and resolved issues resulting in ~10% improvement in document import speed

LANGUAGES & SKILLS

Preferred – Python
Experienced - PyTorch, PyTorch Lightning, TensorFlow 2/Keras, git
Familiar - Java, C++, C#, HTML, CSS, Vue.js
Natural Language – French: proficient

VOLUNTEER

State Chair   November 2023 – present
Utah Forward Party   Utah
- Led signature-gathering efforts to secure ballot access for a new third party focused on voting reforms
- Public speaking. media interviews, event planning, legislator and stakeholder interaction