

# Adam Teuscher

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## EDUCATION

### BS Computer Science, Emphasis in Data Science

Apr 2021

*Brigham Young University*

Provo, UT

- Cumulative GPA 3.72
- Brigham Young scholarship recipient, 2015 - 2016, 2018 - 2021
- Relevant coursework: Introduction to Deep Learning, Computer Vision, Introduction to Machine Learning, Data Science Capstone

## 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

### 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
- Collaborated daily with fellow agile development team members in startup environment
- Participated in regular standups and design meetings, as well as biweekly code reviews

### Researcher

May 2015 - Jul 2015

*Encap Technologies*

Alameda, CA

- Tested solar water pump prototypes for efficiency under varying weather conditions
- Identified 5 potential locations for pump deployment in the developing world based on need, financial viability, and ease of access
- Built functional website and created video (nearly 500 views) for promoting product

## LANGUAGE & SKILLS

**Preferred** – Python

**Experienced** - C++, Java, C#, PyTorch

**Familiar** - HTML, CSS, Vue.js, git, PyTorch Lightning

**Natural Language** – French: proficient