

# Adam Teuscher

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## EDUCATION

### BS Computer Science, Emphasis in Data Science

Apr 2021

*Brigham Young University*

Provo, UT

- GPA 3.81
- Brigham Young scholarship recipient, 2015 - 2016, 2018 - 2019
- Relevant coursework: Web Programming, Advanced Programming Concepts, Algorithm Design and Analysis, Introduction to Regression
- Planned coursework (Winter 2020): Systems Programming, Introduction to Deep Learning

## EXPERIENCE

### Research Assistant

Sep 2019 - Present

*BYU Vision Lab*

Provo, UT

- Built runtime estimation calculator for beam search experiments
- Contributing to a paper on moving target loss

### 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

## SIDE PROJECT

### Contacts Application

- Developed VBA application to manage my father's contacts
- Automatically processes Excel forms and converts them to Outlook contacts every 6 weeks

## SKILLS

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

**Familiar** - HTML, CSS, vue.js, git, PyTorch, VBA

## VOLUNTEER EXPERIENCE

### Full-Time Representative

Jun 2016 - Jun 2018

*Religious Organization*

Lyon, France

- Trained new representatives in communication, productivity, and cultural awareness
- Refined public speaking and conflict resolution skills
- Supervised group of 8 other representatives and promoted unity

## INTERESTS

- French – intermediate fluency
- Data Science Club, Dev Club, French Club
- BYU eSports – Hearthstone captain