

Cincinnati, Ohio  
<https://samuelstevens.me>

**Samuel Stevens**

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## EDUCATION

**The Ohio State University**, Columbus, Ohio; **GPA: 3.9/4.0**

Target Graduation 2021

- Honors Bachelor of Science in Computer Science and Engineering, German language minor

## RESEARCH EXPERIENCE

**Undergraduate Honors Thesis**, Columbus, Ohio

Oct 2019 – Present

- Using arxiv.org as a source of sentence-level edits to fine-tune transformer models predicting if a sentence needs editing/improvement.
- Implementing transformer models with Hugging Face, PyTorch and Google Colab.

## SOFTWARE ENGINEERING EXPERIENCE

**Microsoft, Software Engineering Intern**, Seattle, Washington (Remote)

May 2020 – August 2020

- Developed new Power BI feature to improve customers' ability to diagnose data refresh problems.
- Authored feature spec to communicate intent and implementation details to feature stakeholders.
- Ramped up quickly in a 100 million-line C++ codebase to begin delivering value immediately.

**TicketBay, Co-Founder and Lead Developer**, Columbus, Ohio

Jan 2018 – Present

- Collaborated with OSU students to develop a mobile app for students to buy and sell football tickets.
- Facilitated the transfer of \$165K worth of tickets between more than 7K customers.
- Led system architecture decisions in order to balance ease of development and system performance.

**GE Aviation, Digital Technology Intern**, Cincinnati, Ohio

May 2018 – August 2018

- Built an end-to-end testing solution automate QA testing of customer-facing web application.
- Applied agile methodology in a collaborative environment to meet specs, despite frequent changes.
- Completed integration with existing deployment pipeline, leveraging existing infrastructure and leading to a net positive impact on product quality with no additional developer work.

**The Ohio State University, Lead Developer**, Columbus, Ohio

May 2018 – Nov 2019

- Supported a professor's research by developing an online app to distribute rich media.
- Implemented agile methodology to manage 2 student developers in multiple time zones.

**GE Aviation, INTERalliance Intern**, Cincinnati, Ohio

May 2017 – August 2017

- In-sourced customer-facing search, targeting \$300K in savings and 40K customers.
- Led MongoDB integration, giving customers access to previously unsearchable documents.

## NOTABLE HACKATHON PROJECTS

**Accessibility Focused Text Extraction App** : Hack OHI/O (2019), **Awarded Best Hack**

- Used Tesseract OCR to extract text from images to provide content in a variety of accessible formats.

**Parkinson's Disease Tracking App**: Brain Health Hack (2018), **Awarded Best Project at Large**

- Developed an Android/iOS app to track a user's tremors to improve effectiveness of medication.

**Social Media Trend Aggregator**: Hack OHI/O (2017), **Awarded Best General Software Hack**

- Developed an iOS application in 24 hours to aggregate trending topics on Twitter and Instagram.

## SKILLS

**Software:** *proficient* in Python, TypeScript, ReactJS; *familiar* with C, C++, PyTorch, NumPy

## ADDITIONAL INFO

Club water polo member, August 2017 – Present

Study abroad in Germany, June – August 2019