

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

## SOFTWARE DEVELOPMENT EXPERIENCE

**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 scalability.
- Communicated with beta testers to optimize customer experience and product quality.

**Undergraduate Research Assistant**, Columbus, Ohio Oct 2019 – Present

- (Currently) creating a dataset of sentence-level edits extracted from arXiv papers with multiple versions.
- Developed software to extract plain text from arXiv papers' LaTeX source documents.

**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 highly collaborative environment to ensure product met specs, despite significant weekly changes to spec.
- 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, Student Developer**, Columbus, Ohio May 2018 – Nov 2019

- Supported a psychology professor's research study by developing an admin portal and online course system distributing videos, audio tracks and surveys from the ground up.
- Implemented Agile methodology to manage 2 student developers in multiple time zones.

**GE Aviation, INTERalliance Intern**, Cincinnati, Ohio May 2017 – August 2017

- Collaborated with mission-based team to in-source customer-facing search, targeting \$300K in savings and improving customer experience for 40K customers.
- Led integration of MongoDB with existing index, giving customers access to 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.
- Integrated noise-reducing algorithms to provide accurate analysis of user's tremors.

**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.
- Implemented RESTful backend server using Python to collect data from multiple sources.

## SKILLS

**Software:** *proficient* in JavaScript, Python, ReactJS, React Native, Node.js, MongoDB, Git, and Nightwatch.js; *familiar* with C, Java, Apache Solr, SQL, Selenium, Jenkins, Docker and AWS

## ADDITIONAL INFO

Club water polo member, August 2017 – Present Study abroad in Germany, June – August 2018