

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
- Advised by Wei Xu.

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.
- Demoed project to Power BI customers to demonstrate value and gain feedback.

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

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, React Native; *familiar* with C, C++, Go, Elm

ADDITIONAL INFO

Club water polo member, August 2017 – Present Study abroad in Germany, June – August 2019