8050 North Clippinger Drive,
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# Samuel Stevens

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## EDUCATION

**The Ohio State University,** Columbus, Ohio; **GPA: 3.9/4.0**          Target Graduation 2021
- Honors Engineering student majoring in Computer Science & Engineering
- German minor; completed summer study abroad program in Dresden, Germany
- Relevant coursework: Data Structures and Algorithms, Web Apps (project course)
- Water Polo team member, participant in Hack OHI/O and Show OHI/O.

## EMPLOYMENT

**GE Aviation, Digital Technology Intern,** Cincinnati, Ohio          Summer 2018
- Used Nightwatch.js to develop end-to-end automated testing for customer-facing web applications.
- Applied agile methodology to ensure product met specs, even as specs were changing weekly.
- Leveraged knowledge in Nightwatch.js, Docker, Jenkins, and AWS infrastructure.

**The Ohio State University,** Columbus, Ohio          Summer 2018
- Selected by psychology professor to design and develop a full stack web application for a research study.
- Created a web portal for the study's investigators showing data regarding participant activity and a web application for the study's participants to use to access homework and resources.
- Leveraged knowledge in ReactJS, Node.js, MongoDB, and Linux server infrastructure.

**GE Aviation, INTERalliance Intern,** Cincinnati, Ohio          Summer 2017
- Member of mission-based team to in-source customer facing search, targeting $300,000 in savings and improving user experience for 40,000 customers.
- Led integration of MongoDB with current search index, helping customers gain access to documents that were previously unsearchable.
- Leveraged knowledge in Java, Apache Solr, MongoDB, AWS, and Git.

## ENTREPENEURSHIP

**TicketBay:** Lead developer on app for OSU students to sell/buy football tickets (salty.software/ticketbay)
- Communicated with beta testers to optimize user experience, focusing on target audience of students.
- Lead management for company, including finances, long term vision, and marketing.
- Facilitated the transfer of $44K worth of student tickets between 3,500 users.
- Leveraged knowledge in React Native, Node.js, MongoDB and AWS infrastructure.

## SOFTWARE PROJECTS

**Parkinson's Disease Tracking App:** Brain Health Hack (2018), 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.
- Utilized: React Native, Node.js, Python, JavaScript, mobile device accelerometer interface.

**Social Media Trend Aggregator:** Hack OHI/O (2017), 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.
- Utilized: Python, Swift, AWS infrastructure.

## 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