

Sam Craig

219 Jennings St, West Lafayette, IN 47906

(765) 464-4408
craigsamm@gmail.com
GitHub: Sammidysam
LinkedIn

EXPERIENCE

National Institutes of Health Common Fund

Software Engineering Intern, Full-time

Bethesda, Maryland

June 2021 – August 2021

- Reduced time spent on yearly employee surveys by 95% by automating all data processing through a C# (ASP.NET) and React.js website
- Shortened a bureaucratic, months-long process of hosting a website in the federal government to weeks

Upper Hand

Software Engineering Intern, Full-time

Indianapolis, Indiana

August 2020 – May 2021

Engineering Intern, Full-time

May 2019 – August 2019

- Wrote an integration with a new credit card reader and the Handpoint API that moved \$329,000 in September 2021
 - This feature's launch ensured that a customer that generates 53% (\$2.5 million in 09/2021) of Upper Hand's payment volume remained with the company
- Wrote the data system in PostgreSQL for an industry-first report detailing monthly revenue from recurring membership payments
 - Returns common data requests in an average of less than 100 ms
 - Since mid-2021 launch, clients have spent the most time on this page
- Resolved over 80 bugs in the largest payments refactor in the history of the company throughout the Ruby on Rails back end and React.js front end
- Wrote automated tests for all features and bug fixes using Rspec; successful builds were then deployed with CD to Heroku

Community Hub

Technical Team Leader, Part-time

Oberlin, Ohio

August 2020 – September 2021

Technical Team Leader, Full-time

May 2020 – August 2020

Software Engineer, Part-time

April 2020 – May 2020

- Reduced time spent by the Oberlin community on advertising events by 90-95% through an event submission platform that automatically displays on more than 30 screens across town
- Reduced the number of hosted Docker containers by at least 33% by allowing the same PHP codebase to connect to different databases depending on the URL provided
- Fixed connectivity issues with a remote control system used over 1900 times at the Great Lakes Science Center
 - Rewrote the system in Node.js using WebSockets
- Led a team of 4 developers working across 4 separate codebases during the summer of 2020, using PHP (Symfony) and JavaScript (React.js)

Environmental Dashboard

Software Engineer, Part-time

Oberlin, Ohio

November 2018 – May 2020

- Led a team of 2 developers from September 2019 on, working in PHP and JavaScript

Office of Senator Sherrod Brown

Legislative Intern, Full-time

Washington, DC

January 2020

- Answered phone calls from constituents and provided research to legislative aides

EDUCATION

Oberlin College / Conservatory

Bachelor of the Arts in Computer Science

Expected June 2022

Bachelor of Music in Double Bass Performance

Expected June 2022

GPA: 3.97

Skills: Ruby, JavaScript, C#, PHP, Python, Java, SQL, PostgreSQL, MySQL, C++, C, HTML, CSS, Lisp, Ruby on Rails, Rspec, ASP.NET, Node.js, Symfony, Doctrine, React.js, Git, Material UI, MongoDB, Express, Sequelize, WebSockets, Docker, Heroku, Leaflet.js, GIS (ArcGIS, etc.), CI/CD, Test-driven development