

OLIVER RIPPS

(646) 484-0866

oliver.ripps@gmail.com • github.com/oliverripps
www.linkedin.com/in/oliverripps • oliverripps.github.io

EDUCATION

Oberlin College, Oberlin, OH

August 2019 - Present

B.A. in Computer Science and Economics and Statistical Modeling expected May 2023

- GPA: 3.81
- Relevant Coursework: Introduction to Computer Science, Data Structures, Web Development, Introduction to Computer Architecture, Systems Programming, Programming Abstractions, Human Computer Interface, Algorithms, Databases, Calculus I, Discrete Mathematics, Introduction to Statistics, Statistical Modeling

EXPERIENCE

Twine, Oberlin, OH

January 2021 - Present

Software Engineer Intern

- Designed and implemented a scoring algorithm, using TypeScript, to suggest friends to users based on interests, class year, mutual friends, and organizations, along with a React front-end
- Developed a back end admin event tagging and vetting web app to ensure event integrity

Product Manager

- Orchestrate and Conduct Usability and Feature testing interviews with Twine users and Oberlin Students
- Created roadmap for expansion to new campuses, including designing a campus ambassador program

Environmental Dashboard, Oberlin, OH

September 2019 - Present

Software Engineer

- Design and implement web applications in JavaScript and Ruby, to display environmental statistics through interactive maps and exhibits around campus and the greater Cleveland area
- Collaborate with the software development team, writing and editing scripts to manage building's electricity and water use color indicator orbs

Coldbirds, New York, NY

October 2019 - Present

Co-Founder

- Manage day-to-day operations of a hand-printed clothing company, including social media, database management, traffic analytics, product fulfillment, and advertising
- Created and maintain an E-commerce website that has attracted thousands of users from across the globe using SEO and marketing tactics, totaling over ten thousand dollars in sales

TripAdvisor, Needham, MA

June 2018 - August 2018

Search Engine Marketing Intern

- Worked on the creative and targeting teams, implementing A/B tests on various Search Engines across the globe
- Queried databases using SQL to audit and analyze metrics for thousands of existing online ads

SELECTED PROJECTS

F(x)

- Built a full stack React Native Expo App for the App Store using Firebase and Firestore to track parties on campus
- Displayed back end admin verified parties on a heat map integrating the Google Maps API

Event Submission Form

- Streamlined Twine's event submission process by developing a form using React, Material UI, and Redux, integrating an API which called a generative text prediction model to suggest tags for events

Poker Odds Calculator

- Designed and built a brute force simulation algorithm with in JavaScript to predict the odds of winning a given game of Texas Hold'em Poker with an interactive front end
- Developing an optimized algorithm to decrease run time and improve user experience

SKILLS & INTERESTS

Languages: JavaScript, Java, Python, TypeScript, R, Scheme, C, SQL, HTML, CSS, Bash Shell Scripting, Ruby

Libraries, Frameworks & Technologies: React, React Native, Redux, Docker, Material UI, Git, Firebase, Firestore, Twig, MongoDB