OLIVER RIPPS

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SCAN ME

EDUCATION

Oberlin College, Oberlin, OH   August 2019 - Present

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

- GPA: 3.81
- Relevant Coursework: Introduction to Computer Science, Data Structures, Web Development, Systems Programming, Programming Abstractions, Calculus I, Discrete Mathematics, Introduction to Statistics, Introduction to Economics, Intermediate Microeconomics, Money, The Financial System, & The Economy

EXPERIENCE

Environmental Dashboard, Oberlin, OH   September 2019 - Present

Software Engineer

- Design and implement web applications in a variety of high-level programming languages to display environmental statistics in innovative and digestible ways
- Collaborate with the software development team, writing PHP and JavaScript code which is used around the Town of Oberlin and the greater Cleveland area

Twine, Oberlin, OH   January 2021 - Present

Software Engineer Intern

- Developed an admin terminal to vet and tag submitted campus events, using React and Redux, in order to help build an AI to suggest events
- Designed and implemented a scoring algorithm to suggest friends to users, based on interests, class year, mutual friends, and organizations

Coldbirds, New York, NY   October 2019 - Present

Co-Founder

- Manage day to day operations of a hand-printed clothing company, including social media, 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
- Track online traffic patterns, such as user engagement and store conversion rate, through various sales channels

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

Environmental Exhibit (github.com/EnvironmentalDashboard/online-exhibit)   Spring 2020

- Collaborated on an online exhibit for the Great Lakes Science Center, programmed in Ruby

Scheme Interpreter (github.com/oliverripps/SchemeInterpreter)   Fall 2020

- Developed a Racket/Scheme interpreter that can parse through and evaluate basic Racket/Scheme

8 Ball Pool Recreation (github.com/oliverripps/8BallPool)   Spring 2019

- Recreated the iPhone game *8 Ball Pool*, programmed in Java, interfaced in Processing

SKILLS & INTERESTS

Languages: Java, Python, JavaScript, R, Scheme, C, HTML, CSS, Unix Shell Scripting, PHP, Ruby

Libraries, Frameworks & Technologies: React, Redux, Material UI, SQL, Git, Firebase, GCP, Twig