Samuel Siegart

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Education

University at Buffalo, Class of 2017: B.S. in Computer Science & B.A. in Mathematics
>   **-GPA: 3.929/4.0**
>   -Provost Scholarship Recipient, Dean's List, Matthew R. Grappone Book Award, Grace W. Capen Academic Award

Work Experience

Shopify- Data Engineering Intern (Summer 2016)
>   -Maintained and improved an existing petabyte-scale data platform built with Apache Spark
>   -Owned a major part of the internal rollout of PrestoDB by upgrading data pipelines to integrate data from hundreds of Spark jobs for availability in the new query engine
>   -Prototyped an internal Rails app that allows the exploration of real-time trending product types across 300,000+ ecommerce websites with an intuitive graph interface

Shopify- Software Developer Intern (Summer 2015)
>   -Wrote test-driven Ruby on Rails, JavaScript, and did regular code reviews in a fast-moving team of engineers and designers implementing core features used by 300,000+ Shopify merchants
>   -Brought to launch the bulk editor, an admin tool for quickly and simultaneously editing multiple products, variants, and other store features-- used 10,000+ times daily by merchants since launch
>   -Helped plan and rapidly prototype new internal communication features for Shopify merchants, conducted early user testing and iteration

University at Buffalo- Computer Science TA (Spring & Fall 2015, Spring & Fall 2016—4 Semesters Total)
>   -Taught fundamental C++ and data structures concepts to weekly classes of 20+ students to supplement lecture materials
>   -Participated in the planning and implementation of coding assignments and developed automatic grading programs to evaluate student submissions
>   -Held regular office hours to help students one-on-one with course material and programming assignments

Software Projects (more available on github.com/samsiegart)

Hackroulette - *hackroulette.xyz* (HackPrinceton, Spring 2015)
>   -Developed an intelligent chat application that uses machine learning algorithms to analyze the Twitter feeds of users and pair them together based on similar interests to start interesting conversations
>   -Integrated multiple APIs and user authentication, implemented real time chat across multiple chat rooms with socket.io and node.js, and helped craft an elegant front end experience
>   **-Top 8** overall software hacks at HackPrinceton Spring 2015

WeBridge - *webridge.herokuapp.com* (Fall 2014 – Early 2015)
>   -Developed an in-lecture Q&A system so students can anonymously ask and answer each other's questions without interrupting the flow of class, as well as to provide useful analytics to the Professors based on the app's usage
>   -Deployed for early stage testing during Winter 2014 in multiple courses
>   -Ruby on Rails, AngularJS, HTML5 Hybrid App Development with the Ionic Framework