

Robert Hosking



Experience

Trill A.I. Data Visualization Developer

Oct 2018 - Present - Cary, NC

- Transformed a **jQuery** prototype into a robust, modular **React** app using modern tools like **Redux**, **redux-saga**, and **react-router**
- Built a single-page app with **JWT** authentication, **REST API** pagination, **unit tests**, and **custom UI elements** built from scratch
- Made consuming data intuitive and mesmerizing using **D3.js** with **animations**, a vibrant color palette, and excellent composition

Berea College Student Software Engineer

JAN 2016 - MAY 2018 - Berea, KY

- Collaborated with campus labor division to design and deliver a data analysis software tool for reporting survey results
- Built preliminary dashboard using **Ruby on Rails** and **D3.js** charts
- Extended existing **open source** data analytics software to decrease development time by 6 months

Punchmark Web Developer Intern

MAY 2016 - SEP 2016 - Charlotte, NC

- Reduced page load time by 20% in **PHP** ecommerce platform by caching data from **social media APIs**
- Built automated SMS notification system using **Twilio API** to deploy to 200+ client websites
- Streamlined newly-written API data retrieval code by creating an extensible PHP class

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 RobertHosking

 roberthosking.com

Education

Berea College 2018

BA Computer Science

Cumulative GPA: 3.20/4.0

Skills

Languages

JavaScript **PHP**
HTML5/CSS3 **Python**

Tools / Frameworks

React.js **Webpack**
SASS/SCSS **Git**
Jest/Enzyme **Rest API**
AJAX **Unix**

Soft

Design **SEO**
Presentation **Copywriting**

Organizations

Entrepreneurship for the Public Good Berea, KY

- Presented learnings from customer interviews to the City of Berea Tourism Commission
- Engaged in an 8-week institute achieving goals in a multidisciplinary team

University Innovation Fellows Mountain View, CA

- A program from the **Institute of Design** at **Stanford University** focused on training students to be leaders of innovation.
- Led **design thinking** workshops as part of an initiative to foster innovation and entrepreneurship on my college campus