

Experience

Discover Financial Services

[May 2019 – present]

Software Engineer Intern, Spend Analyzer

- Rewrote Discover Spend Analyzer out from Flash to **React.js**
- Made customer facing product reaching over 8 million users
- Wrote the donut chart for transaction visualization in **d3.js**
- Utilized **Redux** for global data passing

Discover Financial Services

[January 2019 – May 2019]

Software Engineer Intern, VR Brand Command Center

- Created VR application which displayed all relevant social media for Discover
- Utilized **React360** and **Node.js** for the application
- Used emotional analysis api to determine if a post was negative or positive

Education

- Northern Illinois University (GPA: 3.334)

- B.S. in Computational Computer Science

[August 2016 - December 2019]

- B.S. in Computational Mathematics

[August 2016 - December 2019]

Projects

LeapUp at Huskie Hacks 2017

[October 2018]

- **Java** application which used the LEAP Motion controller to detect if a worker has been sitting at their desk for too long
- 2nd place in the North Western Medical Challenge

Local Weather Visualizer

[May 2017]

- Implemented **python** code to pull data from Open Weather Maps API to put in a **TSV** file to manipulate
- Manipulated **TSV** file to create a visual chart with **Java Script** using **D3.js** library

Triage Helper at ArchHacks 2016

[November 2016]

- Developed IOS application to assist with large disasters
- Worked on **php** backend
- <https://bitbucket.org/BG2CRX/triage-helper/overview>

Darker Pandora Chrome Extension

[October 2016]

- Implemented a **CSS** injection to Pandora Website to mask Pandora's website to appear darker
- 450 active users, 4.6/5.0 Stars
- <https://chrome.google.com/webstore/detail/darker-pandora/leinejhjpdhfhpeeeibbakneignddpek>

Languages and Technologies

- Languages: JavaScript, C++, Python, Java
- Libraries: React.js, Node.js, D3.js, Bootstrap, Redux
- Databases: MySQL
- Tools: Unix, Git