



**andrew richter**

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## Experience

### Cerner

Software Intern | May 2019 – Aug 2019

Location: Kansas City, MO

Created licensing tool to create, save, and manage new patient charting content licenses in the cloud using a model-view-controller architectural pattern:

- Built REST API in Rails with unit and integration tests
- Built frontend browser-based application in React with web UI tests
- Connected application to MySQL database
- Increased scalability in managing the lifecycle of subscription-based content for Cerner's Charting applications
- Gained professional experience in scrum based software development process

Team Lead: Patrick Shine | Patrick.Shine@cerner.com

### Lavner Camps

Technology Camp Instructor | May 2018 – Aug 2018

Location: St. Louis, MO

Taught 4-16 kids, aged 8-12, weekly with close one-on-one interaction in camps on:

- Learning general Java skills by creating programs such as calculators, text-based games, and Swing games
- Minecraft Mod and Minecraft game engine coding in Java along with general Minecraft skills

Employer: Ezra Androphy | ezra@lavnercampsandprograms.com

## Awards

Truman President's List | Fall 2016, Spring 2017,  
Spring 2018, Fall 2018,  
Spring 2019, Spring 2020

Truman Vice President's List | Fall 2017, Fall 2019  
National Society of Collegiate Scholars | 2016 – 2020  
USA Ultimate D-III All-Region Second Team | 2019

## Education

### Truman State University

Bachelor of Science | Aug 2016 – May 2020

Location: Kirksville, MO

Major: Computer Science | departmental honors  
Minor: Design  
GPA: 3.95 / 4.0

## Skills

I'm a detail-oriented developer with the technical foundation to develop sophisticated software and an eye for design

Java

RubyOnRails

React

MySQL

HTML

CSS / Sass

JavaScript

Git

InDesign

Illustrator

Photoshop

## Activities

### JuJITSU Men's Club Ultimate

Captain | Fall 2018 – Spring 2020

Responsibilities:

- Exec decisions on 6 member exec board
- Planning 6-10 hours of practice for 20-40 players weekly
- Leading team at 4-6 tournaments per semester
- Players' safety, performance, and satisfaction
- Poster / merchandise design
- Photographer

Public Relations | Fall 2017 – Spring 2018

Responsibilities:

- Exec decisions on 5 member exec board
- Recruiting
- Running social media accounts (Facebook & Twitter)
- Poster / merchandise design
- Photographer