andrew richter

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Experience

Software Developer

6 Degrees Health | Aug 2020 – Present
Junior Software Developer | Aug 2020 – Nov 2021
Location: Hillsboro, OR / Remote

Developed full stack web and mobile apps for an innovative healthcare startup using React, TypeScript, Golang, Python, PostgreSQL, and MongoDB in a collaboration-focused Agile team environment:

- Built tool to improve and partially automate the manual process of generating monthly reports, reducing monthly work for reporting team from days to hours
- Added a login/registration flow and a browse-by-category filter for external healthcare provider search mobile app
- Assisted in redesigning external healthcare data web app
- Maintained SFTP file sharing and processing services in Google Cloud Platform
- Built tool to help track file sharing performance by client
- Instrumented apps to track performance by API endpoint
- Optimized slow tables in internal app, bringing loading times from ~10s to milliseconds

Software Intern

Cerner | 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 front-end web app in React with web UI tests
- Connected app to MySQL database
- Increased scalability in managing the lifecycle of subscription-based content for Cerner's charting apps

Technology Camp Instructor

Lavner Camps | May 2018 – Aug 2018
Location: St. Louis, MO

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

- Introduction to Java with beginner programs such as calculators and text-based adventure games
- Minecraft mod and Minecraft game engine coding in Java

Education

Truman State University

Bachelor of Science | Aug 2016 – May 2020
Location: Kirksville, MO

Major: Computer Science | *departmental honors*
Minor: Design
GPA: 3.95 $^{/4.0}$ | *Summa Cum Laude*
Awards:

- Cody Sumter Computer Science Scholarship | 2018
  Alumni scholarship granted to one student per year
- Truman President's List | 6 of 8 semesters

Skills

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

Front end	React	TypeScript	Sass	
Back end	Golang	Python	RubyOnRails	Java
Databases	PostgreSQL	MongoDB	MySQL	
Other	Git	GCP	InDesign	Illustrator

Activities

JujiTSU Men's Club Ultimate

Captain | May 2018 – May 2020
Public Relations | May 2017 – May 2018

Responsibilities:

- Exec decisions on 5-6 member exec board
- Planning 6-10 hours of practice for 20-40 players weekly
- Leading team at 4-6 tournaments per semester
- Recruiting
- Poster/merchandise design
- Photographer

Awards:

- USA Ultimate D-III All-Region Second Team | 2019
  Player-voted awards given each season (South Central region)