Jerred Shepherd

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<https://github.com/shepherdjerred>

**Education**

**Harding University**  Searcy, AR

BS Software Development GPA: 3.17 Expected Grad: May 2019

**Experience**

**Amazon** Seattle, WA

Software Development Engineer InternMay 2018 – July 2018

* Designed, implemented, and tested feature for AWS EC2 Systems Manager
* Gained experience in unit testing, canary testing, CI/CD, Git, DynamoDB, SQS, and designing distributed systems in a large-scale environment

**Matthews International** Searcy, AR

Programming Intern August 2017 – May 2018

* Parsed and imported SAP export files into a MSSQL database by writing a Java JDBC application so that data could be visualized, graphed, and queried

**Bryce Corporation** Searcy, AR

IT Intern June 2016 – April 2017

* Created a suite of Selenium IDE scripts to automate data entry into compliance system
* Wrote a Java application to parse and visualize PLC logs which aided in identifying production machine errors

**Harding University** Searcy, AR

DormNet Assistant April 2016 – Present

* Supported students with issues concerning the University’s network and online services
* Diagnosed and resolved issues with laptops and the other personal devices of students

**Projects**

**Easely** https://github.com/Easely

An unofficial REST API and web app for the Harding CS department EASEL homework submission system. This application scrapes and caches the EASEL website to provide an API which other applications can then consume. The API is uses Java, redis, and MySQL, while the web interface is made with Vue.js

**Raspastat** https://github.com/Raspastat

A set of two applications to create a smart thermostat with just a Raspberry Pi 3. The finished product has a working HTTP API and web interface. Similar consumer products at the time costed upwards of $200, while the total cost of this project was $60. The software utilized Java, JavaScript, and redis.

**Funsheet** https://github.com/ShepherdJerred/funsheet

A web application to find activities to do. The program is driven by users who submit activities with tags, types, and locations. Users can then search based on a variety of criteria. Project was created with Java, Vue.js, MySQL, and the Google Maps API

**Awards**

**RSI Hackathon 2016** Jonesboro, AR

1st place October 2016