



Carl L. Corder

SOFTWARE DEVELOPER + ACTUARIAL SCIENCE

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"Worthwhile problems are the ones you can really solve or help solve, the ones you can really contribute something to. ...No problem is too trivial if we can really do something about it."
- Richard Feynman

Skills

Languages Bash • CSS • HTML • Java • JavaScript • \LaTeX • Mathematica • Matlab • Python • SQL • Stata
Frameworks ElasticSearch • Hibernate • JQuery • JUnit • RabbitMQ • Selenium • Sikuli • Spring • TestNG
Tools Excel • Git • Gradle • IntelliJ IDE • Jenkins • Jira • Maven • Postman • SoapUI • SQL Developer

Experience

Xpanxion

Kearney, NE

SOFTWARE DEVELOPMENT ENGINEER IN TEST

Jan. 2017 - May 2017

Provided quality assurance testing and consulting to contracted companies in need of staff or help in testing components in their enterprise software applications. Set up a Selenium Grid network, Jenkins server and private GitLab to automate CI/CD testing.

The Buckle

Kearney, NE

SOFTWARE DEVELOPER

Aug. 2015 - Aug. 2016

Developed feature requests for internal web applications used by sales teammates and financial executives. Used Spring Bootstrap, Elasticsearch & RabbitMQ to analyze a customer's purchase history and generate recommendations for targeted marketing emails.

VWR International

Radnor, PA

DATA SERVICES DEVELOPER

May 2014 - May 2015

Provided production support for vwr.com and maintained data integrity between our SAP ERP system and global web database. Used Python & RabbitMQ to asynchronously recombine product data from independent file feeds and migrated data using SQL scripts.

The Buckle

Kearney, NE

WEBSITE DEVELOPMENT INTERN

Jul. 2013 - Nov. 2013

Retrofitted the shopping cart on buckle.com to allow existing customers the ability to migrate saved cart items. Streamlined home page navigation using Bootstrap components, learned about Agile methodologies, the SCRUM framework and development cycles.

Projects

Gears Quest

Chrome Web Extension

CREATOR

Jun. 2017

A Chrome web extension that monitors the Gears of War live gaming stream, claims rewards on your behalf in real-time, then sends push notifications to your mobile and browser. Uses: Google &.imgur APIs, OAuth, HTML 2 Canvas and the latest ES6 features.

Gears Pack Stats

Chrome Web Extension

LEAD DEVELOPER & QA

Feb. 2017

A Chrome web extension that integrates into gearsofwar.com, tracks the cards you get while opening packs and saves it to a public Google Sheet for drop rate analysis. Uses: Google Sheets API, Authorization Tokens, Content Security Policies and Mutation Observers.

Education

University of Nebraska Lincoln

UNL

M.S. ACTUARIAL SCIENCE

Aug. 2017 - Present

Graduate Teaching Assistant Dept. Economics • GPA 3.750

University of Nebraska Kearney

UNK

B.S. MATHEMATICS & PHYSICS

Aug. 2004 - May. 2011

Research Fellow • CRLA Certified Tutor • NASA Space Grant Recipient • GPA 3.825