

danielhenneberger

software engineer

contact

1723 Pebble Beach Dr
Vienna, VA 22182
United States

(301) 547 6929

jobs@danielhenneberger.com

languages

Java, JavaScript

interests

professional:

data science
machine learning
data analysis
web development
software engineering

personal:

hackathons
genetic engineering
beer brewing
amateur radio
number theory

experience

2015–Now

Addthis (Acquired by Oracle)

Tysons Corner, Virginia

Senior Software Engineer, Full Stack, Oracle Data Cloud

Developed a high volume, scalable big data analytic platform to visualize and act on data from 15M domains and over 9 petabytes of data monthly. Built highly available REST web services in a containerized microservice environment. Worked in a fast paced agile environment with 2-week release cycles. Researched technologies and methodologies to build new data analysis products. Hackathon winner for data visualization and microservice interaction tracing.

technologies: java (dropwizard, rabbitmq, cassandra); javascript (react, es2017); data science (clustering, nlp, k-means, collaborative filtering, t-sne); infrastructure (hydra, open tracing, kubernetes, docker, metrics, elasticsearch)

2014–2015

Mesoscale Discovery

Gaithersburg, Maryland

Software Engineer

Developed cloud-based laboratory management software, implemented data-driven procedures for automated reagent dispensing systems, and codified validated protocols for micro-plate test kits used in the biodefense, clinical, and life-science markets. Developed highly tested and documented software consistent with FDA regulated software systems.

technologies: java, rabbitmq, sql, aws (s3), xml, osgi

2011–2013

Frostburg State University

Frostburg, Maryland

Graduate Assistant

Assisted in teaching and held labs for the computer science department. Lectured, developed course material, and mentored students. Held consistent office hours and assisted the department with other duties. Led students in computer related extracurricular activities.

2010–2011

Micropact

Herndon, Virginia

Applications Engineer

Developed high profile data and business process management software for Department of Justice and the Internal Revenue Service in a proprietary java j2ee framework. Independently worked on-site and held several security clearances.

technologies: java, sql, javascript, jquery, itext, spring

2008–2010

Concept C Marketing & Design

Frederick, Maryland

Web Programmer, Part-time

Developed, deployed, and maintained responsive websites using early web technologies such as php, bootstrap, jquery, and foundation.

education

2011–2013

Masters of Science: Computer Science

Frostburg State University, Maryland

Master's Thesis: Affine Convolutions for Font Classification

This thesis explored classifying font types using affine invariant convolutions. Contributed to open source projects.

- 4.0/4.0 GPA
- Department Honors for academic excellence

2007–2009

Bachelor of Science: Computer Science

Frostburg State University, Maryland