

Alicia Blomberg

Software Engineer

CONTACT

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github.com/aliciastruble

SKILLS

LANGUAGES/Frameworks

Kotlin, Java, Dropwizard, Jersey,
Camel, JDBI, JUnit, Mockito,
JavaScript, React, Node, Python,
Django, SQLAlchemy, SQL, R,
HTML/CSS

TOOLS

Git, Sumologic, Mesos, AWS, IAM,
ECS, SQS, DynamoDB, Oracle DB,
PostgreSQL, Maven, Gradle, Brew,
Pip, Yarn, Docker, IntelliJ, Visual
Studio Code, Artifactory, Jenkins,
Agile/Scrum

EDUCATION

Metropolitan State University
Saint Paul, MN
B.S. in Computer Science
Summa Cum Laude, 2016
University of Minnesota
Minneapolis, MN
B.S. in Clothing Design, 2007

VOLUNTEER

SPS Data Science Guild Leader
SPS Programming Guild Mentor
2019: Code Day Mentor,
Hack the Gap Registrar
2018: Code Day Mentor,
Hack the Heat Mentor,
Minnehack Mentor
2017: Code Day Mentor,
Hack the Heat Mentor

AWARDS

Tech Employee of the Quarter
Spring 2018
Employee Recognition
Fall 2016, Summer 2018

WORK EXPERIENCE

Software Engineer, SPS Commerce
Minneapolis, MN
MAY 2016 - PRESENT

- Developed production code to add features and fix bugs for our API and message router application
- Integrated with REST and SOAP APIs using Java and Kotlin
- Oversaw multiple projects from inception to production
- Reviewed pull requests to check code for bugs and inefficiencies that could hurt customer data flow or slow application processes
- Rewrote an existing Angular UI in React to have a smoother, faster workflow and took the UI from 20+ seconds loading time to 1 second or less
- Developed and executed automated tests using JUnit and Mockito
- Volunteered for many projects to make sure that my team's objectives were met by the time the features were needed
- Worked with customer service and implementation specialists to develop tools to meet their needs
- Collaborated with developers from other teams and companies to build solutions that met the given specifications and aligned with company best practices
- Interviewed many candidates from intern through senior level to determine company fit and coding skill
- Mentored 6 junior developers and interns to help them develop good problem-solving skills and coding practices

Data Science Intern, SPS Commerce
Minneapolis, MN

JANUARY 2016 - MAY 2016

- Extracted, cleaned, and analyzed data on how long a ticket or case would take to be closed, based on several factors
- Built a predictive model based on the research I had presented

Software Engineer Intern, Maverick Software Consulting
Minneapolis, MN

MARCH 2015 - MAY 2016

- Created, updated, and debugged programs that transformed hundreds of different complicated document structures using Java
- Consistently and successfully took on new and difficult cases to learn how the code worked and to meet team deadlines
- Tested the code to be sure that correct and incorrect inputs were handled appropriately
- Inspected and called out incorrect specifications for various transformation programs

Computer Science Tutor, Metropolitan State University
Saint Paul, MN

JANUARY 2016 - MAY 2016

- Showed students how to debug and fix their code
- Explained abstract concepts in a concrete way to help students better understand them
- Held regular drop-in sessions for students who needed extra help