

DAMON M. VESSEY

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Github: <https://github.com/dvessey>

CAREER OBJECTIVE

Experienced CNC Programmer/Machinist with 10 years of experience programming, troubleshooting and testing machine code in a fast-paced environment. With years of experience through self-learning, and machine programming, my goal is to advance my career as a Software Engineer.

ABOUT ME

Enthusiastic about learning new things, always wanting to know more. I work well in a team environment and responsible to work as an individual with my own initiative. I am extremely efficient while working under pressure, while adhering to strict deadlines, and willing to go above and beyond to make sure we reach that deadline to the best of my ability. I'm constantly reading about what is happening in technology and enjoy it. I believe my curiosity, dedication and problem solving abilities would be a great asset to a company and would be the perfect fit as a career change.

PROJECTS

Open Source Production Scheduler Web Application

A web application that serves to streamline production scheduling on the shop floor in an easy drag and drop manner between different machines and updates machine's statuses. Built using Spring Boot, Java 13 OpenJDK, Postgresql on an Amazon RDS instance, front end built with bootstrap and thymeleaf templating engine, JQuery, and Ajax, deployed to AWS EC2 instance with Docker.

GITHUB REPOSITORY: <https://github.com/dvessey/Production-Scheduler>

RECENT EXPERIENCE

DXP ENTERPRISES - Machine Programmer

- This is where I got inspiration for my project listed above, I've noticed most machine shops are way behind the times, and need something more than word of mouth of what needs to be done, or writing on and erasing a whiteboard, freeing up management's time, increasing productivity and efficiency and improving overall processes. I built it completely in my free time.
- Work alongside engineers to help design parts, ultimately deciding if it can or cannot be done, providing my input on what we can tweak to come up with solutions to be able to machine the part.
- Programming machine code for machines to be able to manufacture parts engineers designed.

SKILLS

Java, C#, Spring Boot, Spring MVC framework, JavaScript, Node.js, MongoDB, HTML, MySQL, Postgresql, Linux, Windows, Hibernate ORM, JPA, Oracle Virtualbox, Junit tests, Maven, Git version control, Deploying to AWS, Docker, ASP.Net, Entity Framework

CERTIFICATIONS

- Microsoft Technology Associate: Software Development Fundamentals **H635-3910** - 01/09/2021

CONTINUING EDUCATION

JOB READY PROGRAMMER CODING BOOTCAMP

Complete Oracle SQL Certification Course
Practical Design Patterns in Java
Practical Data Structures and Algorithms
Master Object Oriented Design

UDEMY CLASSES

End to End Java Project Development with Spring Boot
Full Stack Development with Spring Boot and Angular
Spring and Hibernate
The Complete Javascript Course
Complete Java Masterclass
Web Developer Bootcamp 2020

EMPLOYMENT HISTORY

- June 2017 - present **Machine Programmer - Pumpworks 610**
- June 2015 - May 2017 **Machine Programmer - PCS Ferguson**
- May 2011 – April 2015 **Machinist – FMC Technologies**
- March 2007– March 2014 **Combat Engineer – Texas Army National Guard**