

# BARRETT D. OTTE

White Hall, Maryland

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xxx-xxx-xxxx

<https://github.com/barrettotte>

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## SKILLS

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**Languages:** Java, Groovy, C#, Python, SQL, RPGLE, TypeScript, JavaScript, HTML/CSS, ColdFusion, XSLT

**Frontend:** Angular, Vue.js, Bootstrap, Material, SASS

**Backend:** Spring Boot, Node.js, .NET Core, Flask, Express, JBPM

**Database:** MSSQL, DB2, PostgreSQL, Redis, MongoDB

**Tools:** Git, SVN, Gradle, Docker, Jenkins CI, Sonatype Nexus

**OS:** Windows, Linux (Ubuntu, CentOS, Manjaro), IBM i

## PERSONAL PROJECTS

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**DSL 5250** - A Groovy domain specific language designed to facilitate headless automation of a 5250 emulator.

- Found at <https://github.com/barrettotte/DSL-5250>

**Subarashii CPU** - A 16-bit RISC CPU designed for educational purposes and written in Verilog.

- Found at <https://github.com/barrettotte/Subarashii-CPU>

**RangerLang** - A basic programming language and compiler written in C to learn about compiler design.

- Found at <https://github.com/barrettotte/RangerLang>

## EDUCATION

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**Computer Science B.S. Cyber Security Minor** *University of Maryland Global Campus 2018*

- Algorithm Analysis, Data Structures, Concurrent Programming, Programming Language Design
- Network Security, Software Engineering, Ethical Hacking, Computer Architecture, Linear Algebra

**Computer Science A.S.** *Harford Community College 2015*

- Vector and Integral Calculus, Networking, Assembly(x86), Discrete Mathematics, C/C++, Java

## WORK HISTORY

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**Software Developer Analyst**

**01/2020 - Present**

*Goodville Mutual Casualty Company*

*New Holland, PA*

- Worked on production support team to gain experience with IBM i and maintain production environment.
- Learned IBM i midrange system, RPGLE, DDS, Control Language, and legacy policy processing workflow.

**Software Web Developer**

**06/2018 - 01/2020**

*Goodville Mutual Casualty Company*

*New Holland, PA*

- Worked with Java, Groovy, ColdFusion, JavaScript, Angular, SQL, XSLT, Drools, and Jenkins CI.
- Modernized legacy ColdFusion and Java code to work towards microservices using Spring Boot and Angular.
- Worked on small team to automate commercial umbrella line of business.