

# Jacob Dierksheide

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## WORK EXPERIENCE

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### Benefitfocus, Inc.

*Software Engineer III*

**Jun. 2014 – Present**

*Charleston, SC / Remote*

- Designed and built Java software for Benefitfocus' Enrollment web application and Data Exchange platform.
- Served as the technical lead of the engineering team working on Payroll products, writing tech designs for new features and offering engineering mentorship to the other developers on the team.
- Constructed RESTful API integrations for real-time data transferral with partner payroll bureaus.
- Built and supported a robust system for tracking payroll data changes over time, handling complex use cases including retroactive changes, adjustments, and data remediation for differences between internal and partner systems.
  - Developed an automated testing framework to support this functionality with hundreds of full end-to-end test scenarios.
- Worked with Spring Batch-based jobs for processing large quantities of data for API and file-based exchanges.
- Counted on as a highly adaptable associate, often tasked with learning new products where overlaps occurred between applications; acting as liaison between development teams.
- Collaborated continuously with Product and QA in an Agile workflow to react quickly to shifting priorities.

### College of Charleston

*Developer of Learn2Mine*

**May – Aug. 2013**

*Charleston, SC*

- Recruited by the Computer Science department to develop a Python and R-based web application for teaching data science core concepts for use in College of Charleston Data Science classes.
- Work published in the International Journal of E-Education, E-Business, E-Management, and E-Learning and presented in its 5th Conference in Toronto, Canada; Won Best Paper.

### MUSC Family Medicine

*Android Developer*

**May- Aug. 2012**

*Charleston, SC*

- Developed an Android-based survey application in Java used for gathering demographic data from MUSC patients.

## EDUCATION

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### College of Charleston

*Bachelor's of Science in Computer Science*

*Minor in Mathematics*

**Graduated Jun. 2014**

*Charleston, SC*

- Graduate of the Honors College with a 3.89 GPA
- William Aiken Fellows Honor Society

## SKILLS & INTERESTS

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- **Programming Languages:** Java, SQL, C#, Python, JavaScript
- **Technical Tools:** Git, Maven, JAX-RS, Spring Batch, Spring Boot, Swagger, Postman, Oracle SQL Developer, Atlassian Software Suite, WebLogic, Docker, Drools, Flyway
- **Engineering Techniques:** Object-Oriented Programming, REST APIs, Automated Test-Driven Development, Agile
- **Personal Interests:** Improv comedy; Board games; The TV show *Survivor*; my pet rabbit