Dan Rix

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Education

B.S. in Software Engineering – *Brigham Young University-Idaho*   Expected Graduation 04/17

- **3.8 GPA**
- **Coursework**
    - Object oriented design principles and UML
    - Project management with an emphasis in Agile methodologies
    - Web app development using RESTful APIs

Projects

- **Purchasing Forecast System** – Designed a high-fidelity prototype system that forecasts sales trends and recommends purchasing decisions to assist wholesale purchasers and implemented the design based on gathered and analyzed user data.
- **Meal Calendar Web Application –** Created a web application for creating and managing monthly meal plans by gathering data about the target audience, forming personas and scenarios based on research, and testing the design to ensure user acceptance.

Experience

Software Developer – *Melaleuca; Rexburg, ID*   08/16 – Present

- Resolved front-end issues on an e-commerce site and internal Customer Relation Management (CRM) systems to improve user motivation and company productivity.
- Received training in Microsoft .NET web API standards and micro services architecture principles to enhance the company's codebase.

Teacher Assistant – *Brigham Young University-Idaho; Rexburg, ID*   05/16 – 08/16

- Hired while still enrolled in the course due to my previous experience and proficiency with SQL databases.
- Taught concepts and principles of relational databases including: complex joins, merge statements, natural vs surrogate keys, and levels of data normalization.
- Assisted an average of 50+ students weekly to fulfill Oracle database lab assignments which enabled students with practical, real-world situations using SQL databases.

Software Developer – *Jinny Beauty Supply; Atlanta, GA*   07/13 – 05/16

- Full-stack development of an Enterprise Resource Planning (ERP) system for a $100+ million company which forecasted to increase the company's productivity and revenue by 15+%.
- Headed the design and implementation of 6 core system modules for purchasing, receiving, and managing vendors and products.
- Implemented the entire accounting test suite which ensured the integrity and accuracy of the accounting system.

Languages

- HTML
- CSS
- JavaScript
- SQL
- C++
- C# (.NET Framework)
- Eiffel
- Java

Skills

- Object-oriented Software Design
- UX Design and Engineering
- Test Driven Development (TDD)
- Agile Development Practices