REBECCA RODRIGUEZ

S O F T W A R E   E N G I N E E R

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PROJECTS

Aug. 2019 – May 2020

Capstone: Trauma Decision Web App – Phoenix Children's Hospital

- Created a responsive and data-driven trauma checklist application to record patient information, analyze patient status during operations, alert trauma staff of critical conditions, and record session data with timestamps for hospital records.
- Led the design and implementation of UI features to allow cross-platform compatibility, improve user experience, and maximize content navigation efficiency according to feedback via the hospital's pediatric general surgeon.
- **Tools:** HTML/CSS, JavaScript, Bootstrap, Django, PyCharm IDE

Jan. 2019 – May 2019

Course Planning Tool for Instructors – Arizona State University

- Refactored an open-source Java calendar tool to provide additional features specific to university instructors, such as course creation and deadline scheduling, while improving upon base code through debugging and code analysis.
- Drove the design and implementation of UML documentation to organize new features and analyze relationships between program functions.
- **Tools:** Eclipse IDE, JUnit, Gradle (Checkstyle, JaCoCo, Travis CI)

EXPERIENCE

Jan. 2019 – May 2020

Scrum/GitHub Master – Arizona State University

- Used Taiga's online Scrum board to manage project operations, document meeting reviews, and delegate user stories between team members.
- Developed biweekly project reviews to discuss project status, authored project plans, and facilitated regular stand-ups and retrospectives.
- Established peer reviews for Git commits prior to submission to check for code quality, reduce potential conflicts, and maintain a clean repository structure.

Dec. 2014 – Jan. 2020

Lead Associate Trainer - Panera Bread

- Ensured optimal café production operations by coordinating tasks between team members, reviewing order assembly accuracy, as well as monitoring supply quality and inventory.
- Conducted training sessions with new employees to practice position duties, observed trainee performance via session reports, and provided feedback for continuous improvement.
- Improved customer experiences with a warm demeanor, personalized interactions, product promotion, and immediate resolution of outstanding experience flaws.

EDUCATION

Aug. 2015 – May 2020

Arizona State University

- B.S. Software Engineering, Web and Mobile Applications Focus

CERTIFICATIONS

Dec. 2017 – Dec. 2020

Google

- Google Analytics for Beginners
- Advanced Google Analytics

Jun. 2020

freeCodeCamp

- Responsive Web Design
- JavaScript Algorithms and Data Structures
- Front End Libraries (jQuery, Sass, React)

LANGUAGES/TOOLS

- HTML/CSS
- JavaScript
- Git/GitHub
- Agile Development (Scrum)
- Java
- C/C++
- Testing (Gradle, JUnit, Selenium)
- UML
- Bootstrap
- Django
- Google Analytics

KEY SKILLS

- Project/Team Management
- Customer Service
- Scrum Master
- MS Office
- Software Analysis/Design
- Writing/Editing
- Raster Graphics Editors