

Emmett Casey

Software Engineering Professional

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Expertise



Personal Skills



Objective

To solve difficult problems as a team while exemplifying servant leadership

Experience

02/22 - 03/23 **Senior Software Engineer** [Oracle - Bear Institute of Technology at Children's National](#)

- Directly tasked with improving code quality of the team by the manager
- Co-managed team after departure of team manager for eight months, reporting directly to superiors on performance while managing expectations
- Worked with stakeholders throughout the organization
- Uplifted edge AWS prototypes to production status using static code analysis toolchains
- Presented multiple times in front of the team on various topics over technical knowledge transfers, including debugging and unit testing
- Built a framework in AWS for sending raw data through Textract and Sagemaker models and returning discrete data back to the front end
- Developed on RoundAbout, an improved rounding solution for doctors and nurses with live view features
- Guided Drexel University students on building working solutions to satisfy doctor stakeholder requirements
- Represented the Bear Institute at Oracle Cerner's KC Health Conference
- Designed complex patterns in Javascript middleware for connecting Sagemaker model output to a Ruby Orion front end
- Code quality expert for over half of all team's code reviews
- Wrote a 'Working with Engineers the Agile Way' excerpt for the Bear Institute newsletter, focusing on demoable software
- Mentored software engineers on the team in terms of best engineering practices and career growth

04/19 - 03/20 **Senior Software Engineer & Engineering Manager** [Artisan Technology Group](#)

- Consulted with clients to define the scope of projects, designed, and delivered user centric solutions using Agile methodologies
- Led an Agile team integrating Verizon's new reporting services into Black and Veatch's Esri systems with a React front-end
- Advised high level AI design on an image recognition service and implemented a cloud-only AWS full stack solution
- Maintained and enhanced Dairy Farmers of America's mobile Xamarin app and released to Google and Apple stores
- Championed Artisan culture through multiple initiatives including founding the company library and kickstarting the Lightning Talks program
- Directly managed three engineers and defined Artisan's operational requirements for a development academy program

- 03/18 - 12/18 **Software Engineer Instructor** [Cerner](#)
- Managed the performance of hundreds of engineers up to and including termination
 - Advised object-oriented architecture decisions on 30+ internal development projects and led bi-weekly user introspectives
 - Expert instructor for courses in Software Lifecycle, Agile, Scrum, User Stories, Test and Behavior Driven Development, Modularity, Code Quality, and Impact Analysis
 - Facilitated daily scrums for multiple teams and mentored new scrummasters on Agile best practices
- 08/16 - 03/18 **Software Engineer** [Cerner](#)
- Utilized full-stack agile development to implement changes along with documentation and unit tests
 - Completed the software life cycle and deployed various defect fixes
 - Developed Java middleware to connect JavaScript front-end components to JDBC back-end servers
 - Designed React components that are used in hospitals throughout the world
 - Coordinated releases for multiple pipelines with teams spanning three organizations

Education

- May 2016 **Bachelor of Science in Computer Science** [University of Arkansas](#)
Minor in Mathematics
- May 2013 **KLETC Peace Officer Commission** [University of Kansas](#)
Larry D. Welch Award for Academic Excellence, 1st in the Class of the 223rd