Sally A. Hall

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SKILLS

- Ruby on Rails
- Active Record
- Heroku
- JavaScript
- jQuery
- AJAX
- Backbone
- Angular
- Underscore.js
- HTML5
- CSS3/Sass
- Scrum
- Mocha/Chai
- Bower
- Git/Github

RELEVANT EXPERIENCE

Product Engineer
The Iron Yard Durham, NC
February 2016 – present
- Rebuilt www.theironyard.com as a Rails application
- Built new features for internal products, including api design
- Wrote tests

Regional Campus Director and Special Projects
The Iron Yard Charleston, SC
January 2015 – October 2015
- Mentored Campus Directors across South Carolina
- Coordinated with campuses across the state on job placement programs
- Established new procedures for kids classes
- Partnered with local and national organizations to expand access to kids classes
- Continued work as local Campus Director

Campus Director
The Iron Yard Charleston, SC
January 2014 – January 2015
- Launched first campus expansion, including finding real estate and managing buildout, recruiting Advisory Board, establishing hiring partner relationships, marketing, and student recruitment
- Created The Iron Yard's first online marketing campaign
- Coordinated The Iron Yard's first B2B training to teach BenefitFocus employees Backbone
- Worked with Advisory Board members to update curriculum to reflect local needs
- Mentored over 100 students throughout class and after graduation

- Ran job placement program with 85% student participation rate and 100% placement rate among participants
- Managed full-time instructors, part-time teaching assistants, and interns
- Maintained budget to make campus profitable in the first year
- Established The Iron Yard as a key piece of the local software community through partnerships and sponsorship of events
- Created and maintained documentation of best practices for Campus Directors

Scrum Master
SPARC, LLC, Charleston, SC
June 2012 – February 2014
- Facilitated three software development teams delivering timely, quality software in two week cycles
- Ensured team prioritized work with consideration to business value and worked according to priority
- Communicated progress, risk, and impediments to multiple stakeholders informally and through regular reports
- Coordinated work between multiple distributed development teams and outside stakeholders to manage interdependencies
- Anticipated and proactively resolved impediments to team success
- Facilitated team (15 person) and project-wide (100 person) planning, coordination and review meetings
- Continuously examined, improved, and documented development processes

Scrum Master / Automated Test Engineer
Hawkes Learning Systems, Mt. Pleasant, SC
May 2010 – June 2012
- Led distributed team of developers during successful transition to Scrum
- Removed impediments preventing the team from meeting goals by obtaining physical resources, resolving communication problems, and gaining support from management
- Managed international team of programmers to create calculation templates in Excel for use in automated tests
- Led departmental trainings on writing test cases
- Reviewed detailed test logs for accuracy
- Created and implemented a testing plan enabling the team to test more thoroughly and ship earlier than in previous releases
- Created a parser to extract parameters from any question from 13 math instructional software titles covering topics ranging from basic mathematics to calculus and statistic

Cryptographic Vulnerability Analyst,
National Security Agency, Ft. Meade, MD
August 2006 – June 2007
- Evaluated the security of commercial and government communications products
- Investigated new cryptographic techniques
- Influenced high-level security decisions by producing papers detailing findings
- Developed understanding of security practices, software evaluation techniques, programming, mathematical and cryptographic concepts, and problem-solving approaches through classes and individual research

EDUCATION

The Iron Yard, Charleston, SC
Front End Engineering, January 2015

University of North Carolina at Chapel Hill, Chapel Hill, NC
Master of Science in Information Science, May 2010

Swarthmore College, Swarthmore PA
Bachelor of Arts, June 2006, GPA: 3.72, Major in Mathematics,
Minors in Computer Science and English
Recipient of Edwin P. Rome Scholarship and Class of 1943 Scholarship

Johns Hopkins Engineering Programs for Professionals
Graduate Coursework in Computer Science, 2007

Budapest Semesters in Mathematics, Budapest, Hungary
Coursework in Mathematics and Computer Science, 2005

CERTIFICATIONS

- Certified Scrum Master, August 2012
- Certified Scrum Professional, May 2013