Rosie Highsmith

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EDUCATION

Arizona State University, 2012
B.S Industrial Engineering
GPA: 3.65

SKILLS & TOOLS

.NET
C#

ANGULAR 2
TYPESCRIPT
JAVASCRIPT

GIT / GITHUB
TDD
AGILE

JASMINE
KARMA
GOCD
SQL

EXPERIENCE

Associate Software Engineer, *Hunter Industries*   2017 - Present
- Develop a full-stack desktop application for golf course irrigation with .NET, Angular 2, and TypeScript in a test-driven mob programming team to produce high quality, maintainable code
- Create unit tests, coded UI, and integration tests to verify functionality from development to production environments
- Manage automated continuous integration and deployment pipeline through GOCD server

Jr. Software Engineer Apprentice, *The Firehose Project*   2016
- Part of an Agile team to build a Rails chess game with test-driven development with pair programming, code reviews, and SCRUM meetings under the guidance of a senior software developer

Regional Engineer, *Hoya Vision Care*   2013-2015
- Programmed proprietary optical software to reduce manual labor and breakage by 15% for outlier work
- Developed a simulation to calculate optimal resource allocation of the largest US facility and validated $17 million investment
- Automated KPI reports of 11 facilities to visualize reject causes

Manufacturing Engineering Intern, *Kenworth Truck Co.*   2012
- Identified $3 million in savings of unused parts by creating and executing SQL queries within MS Access
- Increased safety tolerance of headlight aiming by 600% through Six Sigma Gage R&R test studies and introducing new technology

PROJECTS

Mentor Match, *Lady Problems Hackathon, 2016*
- Two-sided Rails web app to help women in tech find mentors

Kit Assembly Redesign, *Philosophy Inc., 2012*
- Led Capstone team to save Philosophy Inc. $425,000 in costs

PROFESSIONAL DEVELOPMENT

The Firehose Project, 2016
- Solved algorithmic and data structure challenges in Ruby & Node.js with mentorship from senior software engineer, Jon Hsieh
- Created 5 CRUD full stack web applications with RESTful APIs