

Joe Sogard

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Graduating Senior in Software Engineering

jsogard.github.io

Objective To obtain a challenging and impactful full-time job in the application development, full-stack development, or back-end web development that utilizes problem-solving and collaboration.

Education IOWA STATE UNIVERSITY Ames, IA Graduation (expected): May 2018
Software Engineering Cumulative GPA: **3.75**

Relevant Technical Experience

Full-Stack Web Development Tools: <i>AngularJS, Tomcat, Spring, Flask</i> Front-End: <i>JavaScript, jQuery, AJAX Calls</i> Back-End/Database: <i>PHP, SQL, Python, RESTful Services</i> Software Testing Automation Tools: <i>Selenium, C# Visual Studios</i>	Collaboration Tools and Resources: <i>Git, Confluence, JIRA, Agile</i> General Software Development Languages: <i>Java, Python, C#, C, and C++</i> Embedded Systems Design: <i>C, Assembly, TI Processor</i> Operating Systems and Tools: <i>Linux, Windows, Powershell</i>
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Related Academic and Leadership Experience

PRINCIPAL FINANCIAL GROUP
Financial IT Full Stack Dev/App Dev Intern *Summer 2017*

- Regularly participated in **Agile** ceremonies and practices and worked with **Confluence/Jira** ticketing system with entire team.
- Participated in 40-hour competition to create **machine learning** AI web application for CTO's risk assessment purposes.
- Developed and deployed multiple **full-stack** internal web applications for corporate use of event registration, guest restriction handling, and server status management.

XPANXION SOFTWARE CONSULTING
Quality Assurance Automation Tester *Fall '16 – Spring '17*

- Frequently developed **automated tests** for web application contracts still in use today.
- Manually tested several web apps and shadowed lead **QA Automation** Tester.
- Developed automated tests in **C#** with **Selenium** using **Visual Studios**

UNITEDHEALTH GROUP – OPTUM
Systems Analyst Intern *Summer 2016*

- Designed and developed web script using **JavaScript** to facilitate technical editing for non-technical users.
- Worked with team of interns to **research, present**, and implement a new and currently used solution to team collaboration software in the workplace.
- Presented a **technical pitch** to a panel of executive judges regarding development of an interactive web portal aimed to engage and educate users.

VARIOUS HACKATHONS – HACKISU, DIGITAL WOMEN: CODE CAMP
Organizer, Treasurer, and Competitor *Spring 2016 – Present*

- Scheduled public events and volunteer opportunities that lasted 36 straight hours.
- Cooperated with many companies' financial departments for sponsorship purposes.
- Worked with teams of peers in the development of various technical projects.
- Co-Founded** and helped build completely new **hackathon** from the ground up.
- Mentored** and advised new treasurer of organization.

Academic Accolades and Extra Curricular Activities	Iowa State Dean's List	≡	Fall 2014 – Present
	Iowa State Honors Program	≡	Fall 2014 – Present
	SE Student Advisory Council	≡	Active participant since Spring 2016
	Digital Women Executive Member	≡	Treasurer and participant since Spring 2016
	HackISU Executive Member	≡	Treasurer and organizer since Fall 2016
	Digital Women: Code Camp	≡	Organizer and Co-Founder Spring 2017
	Hackathon Competitor	≡	Various hackathons since Spring 2016
Boy Scouts of America – Eagle Scout	≡	Achieved in Spring 2014	