

John Hoff

Software Engineer

Experience

University of Minnesota | Morris, MN

Teaching Assistant | August 2017–Present

- Assist computer science faculty with grading, lab preparation, and development for an introductory JavaScript and advanced spreadsheet calculations course with 30 students.
- Mentor students one-on-one by providing feedback to improve their programming and problem-solving skills.

Express Scripts | Bloomington, MN

Software Engineer Intern | May–August 2018

- Reduced cognitive complexity by 30% in a Java based Spring Boot application in two-week sprints on a scrum team by using test-driven development.
- Designed mockups and implemented them with React to create a database administration tool that manages routing rules for claims.

University of Minnesota | Morris, MN

Web Developer | June–August 2017

- Worked on a scrum team of 3 developers for URSA Major, a web tool started in 2014 that manages the undergraduate research symposium.
- Development included customer interaction, pair programming, code reviews, refactoring, addressing deprecated features, and improving JavaScript test coverage from 63% to 84%.

Projects

My Panda | Morris, MN

Full Stack Developer | February–May 2018

- Built a mobile optimized Angular web app that helps mental health patients track their emotions by utilizing agile methodologies on scrum teams of 4–7 developers.
- Started each of the four two-week iterations by story planning and shopping with customers. Ended each iteration with showcases and retrospectives.

Education

University of Minnesota, Morris | December 2018

B.A. in Computer Science, Minor in Statistics | GPA: 3.5

Varsity Football | Fall 2015–Fall 2017

Varsity Soccer | Fall 2018

Personal Info

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Email

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LinkedIn

linkedin.com/in/john-hoff

Personal Website

john-hoff.com

GitHub

github.com/john9hoff

Languages

Java, JavaScript, TypeScript, HTML, CSS, JSON, Python, R

Skills

Front-end

React, Angular, Bootstrap, Material Design, Covalent

Testing

JUnit, Jasmine, Nightwatch, Cucumber, Karma, Selenium

Databases

MongoDB

Continuous Integration

Travis CI, Jenkins CI, Circle CI

Agile Development

Test-Driven Development, Scrum, Pair Programming

Other Technologies

Spring Boot, Node, GitHub, SonarQube, Jira, Gulp, Gradle