

John Hoff

Software Engineer

Experience

University of Minnesota | Morris, MN

Teaching Assistant | August 2017–Present

- Assisted computer science faculty with grading, lab preparation, and development for an introductory JavaScript and advanced spreadsheet calculations course with 30 students.
- Coached students one-on-one by providing feedback that improved 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.
- Designed mockups and implemented them by using React to deliver a product that manages routing rules for claims.

University of Minnesota | Morris, MN

Web Developer | June–August 2017

- Worked on a three-person agile team for URSA Major, a web tool started in 2014 for undergraduate research symposium management.
- 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 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

- 2017 2nd Team Preseason All-American Kicker
- 2016 & 2017 UMAC Special Teams Player of the Year

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, Sass, 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

Scrum, TDD, BDD, Showcasing, Customer interaction, Requirements analysis, Pair programming

Other Technologies

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