

KYLE MCCAFFERY

Software Engineer

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SKILLS

C, C#, Java, Python
PHP, MySQL, GraphQL
Progressive Web Apps

React, TypeScript, NPM
Docker, Azure DevOps
Microsoft Teams

Git, JIRA, Kanban
Software Unit Testing
Secure Software Development

EDUCATION

Western Washington University, BS
Computer Science Major
Mathematics & Psychology Minors

Graduated
Dec. 2019

EXPERIENCE

Doosan GridTech | Software Engineer 2019-Present
Full stack engineer, building a React Native application to control a Distributed Energy Resource Optimizer (DERO) system using TypeScript, GraphQL, and PWA technologies.

Western Region, BSA | Senior Software Developer 2016-2018
Led a team of 10 to build and maintain a MySQL database program using PHP, JSON, and AJAX
Used Slack, JIRA, Git, and Zoom to coordinate team members and maintain project timeline.

Freelance | Web Designer 2015-2019
Portfolio: <http://kylemccaf.com/>

Zodiac Aerospace | Database Manager Summer 2015

PROJECTS

Intel HackOA - 1st Place Winning Team Oct. 2017
Led a team of four to develop a program in C which reduced the amount of https packets and bandwidth necessary to serve websites via localized caching.

WWU ACM Hackathon - 1st Place Winning Team Nov. 2017
Led the development team of four which built a PHP/MySQL website for students to connect with mentors and collaborate on projects/assignments.

Skygenda - Flight Scheduling Software 2018-2019
Built a Progressive Web App (PWA) scheduling website using NodeJS, Express, Vuex, and Bulma, which allows Civil Air Patrol pilots and cadets to enter and find matching availability.

ORGANIZATIONS

Association for Computing Machinery (ACM) 2016-2020
Collegiate Cyber Defense Club 2015-2020
WWU Artificial Intelligence Association 2017-2019
WWU Formula SAE Racing Engineering Team 2018-2019

COMMUNITY

Civil Air Patrol 2019-Present
Eagle Scout, BSA Troop 4006 Awarded 2015
American Red Cross Community Response Hero - saved a classmate from drowning Awarded 2011