

KYLE MCCAFFERY

Software Engineer

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EDUCATION

Western Washington University, BS Grad. 2019
Computer Science Major, Mathematics & Psychology Minors

EXPERIENCE

Liberty Mutual | Senior Software Engineer 2022-Present
Full stack, senior software developer, mentor, and hackathon champion
Key contributor to the insurance claims main user interface. React, TypeScript, GraphQL, and Jest.

Doosan GridTech | Front-End Software Engineer 2019-2022
Key contributor to the main customer-facing UI. Built a React Native application to control a Distributed Energy Resource Optimizer (DERO) system using TypeScript, and PWA technologies, which communicated to a C# backend via GraphQL API calls.
Utilizing Git and Azure DevOps for version control, and Docker containerization for scalability.

Western Region, BSA | Software Developer, Volunteer 2016-2018
Led a team of 10 volunteers to build and maintain a membership database, written in MySQL and PHP, which interfaced with MailChimp, WordPress, and SharePoint to show rosters and send marketing materials, communicating over JSON, and AJAX. For management and authentication, it interfaced with Azure Active Directory. Slack, JIRA, Git, and Zoom.

Freelance | Web Designer 2015-2019

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