

Keith Ecker

Appleton, WI 54915 • (920)-851-6740 • KeithJohn1020@gmail.com • www.keithjohnecker.com

WORK EXPERIENCE

Software Engineer, Flexagon, Green Bay, WI

May 2019-Present

- Contribute to Flexagon's DevOps automation software by designing, developing, and documenting new features while respecting best practices for coding, testing and documentation
- Created 20+ REST APIs using Jersey RESTful Web Services framework which are used by several users to take advantage of different FlexDeploy features such as the creation, updating, and fetching of DevOps environments and instances
- Experience migrating existing REST APIs to use GraphQL
- Experienced in working with users for implementation and support services to adapt their existing development strategy to take advantage of continuous integration and other modern software development practices
- Design and develop 10+ plugins to integrate third party software such as Apigee, Acunetix, and Grunt
- Develop frontend and backend on new quickstart features using javascript and angular framework.
- Work within an agile environment, experience in all stages of the sprint development lifecycle and participate in team-led solutions, reviewing peer's code for quality and completeness.

Computer Science Research Assistant, UW-Fox Valley, Menasha, WI

January 2016- May 2017

- Worked within a group to identify and conduct research on problems within the software engineering industry
- Conducted research on the evolution of open-source software and its security vulnerabilities
- Created presentations and presented our work at local and international conferences
- Work with others to create and edit scholarly papers to share our findings
- Published paper in IEEE Xplore on the prevalence of indirect function calls in middleware software systems.

EDUCATION

University of Wisconsin–Madison, Madison, WI

May 2019

Bachelor of Science

Major: Computer Sciences

SKILLS/KNOWLEDGE

- Java
- REST API
- Jersey Web Services framework
- GraphQL
- JavaScript
- React/Angular
- C/C++
- DevOps practices

PROJECTS

Squadz, squadzapp.com

- An event planning web application that allows users to plan, invite others, and share information about an event.
- Built using React, Firebase, and NextJS

Personal Website, keithjohnecker.com

- Created a personal website that contains my education, work experience, and contact information
- Used HTML, CSS, and JavaScript to display this information in a pleasing way