

JACK H. KUFA

Front-End Software Engineer

(217) 827-5454 • jack@kufa.io

<https://www.kufa.io> • [linkedin.com/in/jackkufa](https://www.linkedin.com/in/jackkufa) • github.com/jkufa

EDUCATION

DEC 2021 | Missouri University of Science and Technology, Rolla MO
Anticipated B.S Computer Engineering & B.S Computer Science
GPA: 3.48/4.00

TECHNICAL SKILLS

Languages	Javascript, Typescript, HTML, Python, C#
Frameworks	Angular, React, Flask, .NET, Express.js
Industry Knowledge	Git, Linux, Scripting, Agile/Scrum, RESTful APIs
Tools & Software	CSS/SCSS/LESS, Storybook, Postman, Jira, Slack/Teams

EXPERIENCE

MAY 2021 | *Service Management Group (SMG), Kansas City MO*
AUG 2021 | **Software Engineer Intern**

- Designed reusable Angular components for internal UI design system
- Authored components' technical documentation in Confluence to explain key functionality
- Integrated KPI lite model back-end functionality to improve loading times
- Maintained smg360 web app by implementing bug fixes to improve customer experience
- Developed Jasmine & Postman unit tests to verify code correctness

MAY 2020 | *CinemaCraft LLC, Remote US*
AUG 2020 | **Plugin Developer**

- Interfaced with Spigot API to create custom Minecraft plugins
- Generated over 15.4 million YouTube views for content creators
- Deployed plugins to servers using Maven to automate build process
- Managed server resources on Linux box remotely via ssh to ensure plugin responsiveness
- Coordinated with asset teams to compile final deliverable on a weekly deadline

MAY 2019 | *Yaskawa America, Inc, Oak Creek WI*
AUG 2019 | **Software Engineer Intern**

- Architected internal C# ASP.NET MVC web app for company engineers
- Automated generation of electrical panel schematics to streamline custom design process
- Built the first documented tool that utilizes EPLAN's API in a web app
- Designed SQL Database using Code First Migrations (EF6) to store schematic information
- Corresponded with coworkers & supervisor daily to track changes in design specifications

AUG 2018 | *Missouri University of Science & Technology, Rolla MO*
MAY 2020 | **Underwater Robotics Design Team – Vice President & Competition Lead**

- Fostered team growth via emails and monthly outreach events to recruit over 60 new members
- Implemented custom Discord bot using Discord's API to automate member role assignment
- Reviewed & summarized 80 page competition manual to provide team with key information
- Authored travel documentation to streamline travel process for 19 design teams

PROJECTS

Doublecross
TigerHacks 2019

- **Best use of Twilio award**
- Twilio API
- C# ASP.NET

ShineGrab.tech
PickHacks 2021

- **Top 5 Finish (Gaming Track)**
- Node.js & Express.js
- Slippi Javascript SDK

FishTV Livestream
SMG Hackathon 2021

- Angular
- Socket.io
- MonaServer RTMP Server