JACK H. KUFA

Software Engineer

(217) 827-5454 • jack@kufa.io

https://www.kufa.io • 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, Python, C#, 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
Aug 2021

Service Management Group (SMG), Kansas City MO
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
Aug 2020

CinemaCraft LLC, Remote US
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
Aug 2019

Yaskawa America, Inc, Oak Creek WI
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
May 2020

Missouri University of Science & Technology, Rolla MO
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