

John Grohman

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Objective: Computer Science Senior looking for a Software Engineering role within the IC/DOD
TS/SCI Security Clearance

Education

Missouri University of Science and Technology	May 2024
Bachelor of Science in Computer Science	GPA: 3.5/4.0

Experience

National Geospatial – Intelligence Agency	St. Louis, MO
Software Development Intern	Jun 2023 – Aug 2023
<ul style="list-style-type: none">Developed multiple front-end and back-end features by utilizing JavaScript and PythonPair-programmed to understand professional software development methodology and practicesLearned new technologies such as PostgreSQL, Flask, RESTX, and ReportLAB by researching and implementing these into my featuresBuilt various tests by implementing newly learned technologies: Jest and JS Unit TestingObtained a TS/SCI Security Clearance	

Leadership and Activities

Lambda Chi Alpha Fraternity – Alpha Delta Chapter	Rolla, MO
Vice President – External (Philanthropy event manager and service coordinator)	Jan 2023 – Present
<ul style="list-style-type: none">Orchestrated 2 philanthropy events, raising more than \$2,000 for the American Red Cross and the Alzheimer’s Association’s Walk to End Alzheimer’sManaged a committee of several people, delegating multiple tasks to plan and execute multiple eventsPlanned multiple service events with local organizations, offering several hours of community service from our chapter	
Association of Computing Machinery	Rolla, MO
Vice President – Internal	May 2022 – May 2023
<ul style="list-style-type: none">Collaborated with officers to organize and host our semesterly recruitment driveManaged PR of our events, by creating flyers, sending out advertisements to hundreds of students, and working with the Computer Science department to send out announcements to all Computer Science Students	
Association of Computing Machinery	Rolla, MO
Front End Developer	Aug 2021 – May 2023
<ul style="list-style-type: none">Developed and fixed front-end features on a development team, by researching and learning JavaScript and ReactJS	
Mars Rover Design Team	Rolla, MO
Autonomy Programmer	Aug 2020 – Jan 2021
<ul style="list-style-type: none">Developed search pattern and navigation algorithms as a member of the autonomy sub teamWrote autonomous rover detection and navigation Python programs that enabled the rover to navigate itself around a detected obstacleWrote tests using a Google Maps API to verify accuracy of navigation and visualize routes	

Skills

Python, C++, JavaScript, PostgreSQL, HTML, CSS, React.js, Bash, Git, Spanish, Project Management, Team Management

Projects

Personal Website – johnngrohman.dev	Jun 2022 – Aug 2022
Github: www.github.com/johngrohman	