**JACK OSSENKOP**

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**OBJECTIVE**

Computer Science-Engineering student with proven leadership and teamwork skill set with a passion for software development and embedded systems seeking full time employment with a software engineering team.

**EDUCATION**

**The University of Iowa**

Anticipated Graduation Dec 2024

BSE Computer Science and Engineering

**WORK EXPERIENCE**

**Collins Aerospace, Software Engineering Intern, May 2024 – August 2024**

* Developed C++ software to add pilot interfacing capabilities to commercial datalink programs
* Contributed to team projects using Agile methodologies. Attended sprint planning and daily scrum meetings to align on team backlog and assigned stories
* Managed SVN repositories to abide by employees’ export authorization level while maintaining collaboration within teams
* Utilized test driven development to efficiently debug production software after integrating new features

**Collins Aerospace, Software Engineering Co-op, June 2023 – January 2024**

* Collaborated on a cross-functional engineering team to develop new avionics feature called ROAAS – runway overrun awareness and alerting system for business and commercial jet market
* Developed ROAAS software using agile development processes, tools and scrum methodology
* Gathered requirements from system engineers to create a live data visualization tool to assist with FAA certification efforts

**Collins Aerospace, Software Intern, May 2022-May 2023**

* Collaborated with operations leadership on product updates and enhancements and worked with users to test and gain feedback on improvements
* Developed Visual Basic programs to automate and display factory data for floor operators
* Created website to display factory metrics for leadership to use in tracking efficiency

**PROGRAMMING LANGUAGES:** C++, Python, SQL, Java, C#, Assembly, MATLAB, HTML, JS

**HARDWARE/OPERATING SYSTEMS:** Raspberry Pi, Arduino, FPGA’s, Linux

**STUDENT AND LEADERSHIP INVOLVEMENT**

* Iowa Acacia Fraternity 2020-Present
  + President 2022-2023
  + Junior Dean 2021-2022
* University of Iowa Theta Tau Engineering Fraternity 2021-2023