JOSHUA LYON

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509 Pinefield Dr Severna Park, Maryland 21146

EDUCATION AND AWARDS

University of Delaware | *Newark, Delaware*   Expected May 2022
Bachelor of Science in Computer Science | 4.0 Major GPA, 3.794 Overall GPA

Relevant Coursework: Parallel Programming, Networks I, Operating Systems, Automata Theory, Algorithms, Data Structures, Intro to Software Engineering

Awards

- Computer Science Outstanding Junior	Spring 2021
- Outstanding Music Scholar	August 2018 – Present
- Dean's List	Fall 2018 – Present

EXPERIENCE

Software Intern | *Northrop Grumman Corporation, Baltimore, Maryland*   December 2020-Present

- Developed multifunction sensor management software with a small scrum team following agile practices
- Strengthened teamwork, problem solving, and time management skills

Discord Bot Developer | *University of Delaware Computer Science Department, Newark, Delaware*   December 2020-Present

- Developed a Discord bot using NodeJS and learned Jenkins to employ CI/CD practices while strengthening programming skills
- Worked with professors to provide communication channels for their classes through a Discord guild of over 1200 users

Teaching Assistant | *University of Delaware Computer Science Department, Newark Delaware*   December 2020-Present

- Assisted instructors teaching Intro to Computer Science I, Intro to Computer Science II, and Intro to Systems Programming.
- Strengthened communication and teaching skills with responsibilities including running a lab section, hosting office hours, and grading projects/exams

SKILLS AND TECHNOLOGIES

Languages and Frameworks: C/C++, Java, Typescript, NodeJS, Python, VBA, basic Assembly Language

Operating Systems: Windows, Linux

Tools: Jenkins CI/CD, Git, Maven, Gradle

EXTRACURRICULARS

Snare Drummer | *University of Delaware Marching Band*   August 2018 – Present
Drum Set Player | *University of Delaware Pep Band*   August 2018 – Present