Noah Jones

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Education

Auburn University — Auburn, Alabama
B.S. in Computer Science — *August 2020 – May 2024*
Minor in Information Systems Management — *Aug 2020 – May 2023*

Skills

Programming Languages: C, C++, Java, Python, Ruby, ADA, JavaScript, HTML, CSS, SQL, MySQL, Git

Libraries: OpenCV, PyTorch, TensorFlow, NumPy, Pandas, Matplotlib

Languages: English (Native)

Field Experience

H2L Solution, Inc. — Huntsville, AL
Cybersecurity Analyst I — *May 2021 – Present, Part-time*

- Achieved NSE Levels 1-3 Certification
- Worked with various cybersecurity tools such as port scanners, hashing / checksums and network security software in a Kali Linux Environment
- up and managed multiple operating systems on many work devices
- Learned about risk management and malware analysis in major IT systems
- Performed vulnerability assessments and penetration tests on multiple devices and operating systems

Extracurricular

Co-Founder / Vice President of Technical Interview Club at Auburn: Held weekly club meetings within the ACM (Association for Computing Machinery) to assist computer science and other engineering student with: Technical Interview Preparation, practice with LeetCode problems, resume tweaking, behavioral interviews, internship applications, and any other student requests

Member of TigerDev at Auburn University (August 2021 – Present)

Member of Ethical Hacking Club (EHC) at Auburn University (August 2021 – Present)

Projects

Rubix Cube Layout | *GitHub*

- An ongoing project in attempt to learn JS/HTML/CSS with my roommate.
- Plan to add feature to 'solve' the Rubix Cube in the near future

Discrete Mathematics Final Project | *GitHub*

- Final project assignment to demonstrate a choice of topic learned in Discrete Structures (COMP 3240) in choice of programming language.
- Project demostrates the topics of Unions and Intersections when dealing with sets.

Ruby Lexer / Parser | *GitHub*

- Study of programming language principles supporting procedural abstraction, data abstraction, storage allocation, and parallel execution. Abstract concepts of language types and examples; language translations.
- A simple compiler consisting of parser and a lexer. Identifies and categorizes tokens and lexemes recognized from a simple input statement. Demonstrates knowledge of Recursive-Descent parsing. Written in Ruby.

Relevant Coursework

Major coursework: Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Computer Networks, Intro to Algorithms, Digital Logic Circuits, Software Construction, Compilers, Theory of Computation, Software Modeling and Design, Assembly Language Programming