

Samuel Lankford Wood

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OBJECTIVE

Co-op position in Computer Science beginning Summer or Fall 2021.

EDUCATION

North Carolina State University


Major: Computer Science, Expected graduation: Spring 2023, Unweighted GPA: 4.0

Relevant Courses

- Programming Concepts: Java
- Discrete Mathematics for Computer Scientists
- Data Structures and Algorithms
- C and Software Tools
- Special Topics in CSC: Issues in Cybersecurity and Privacy
- *Cybersecurity Topics: Identity and Access Management
- *Computer Organization and Assembly Language
- *Concepts and Facilities of Operating Systems
- *Automata, Grammars, and Computability

**Spring 2021*

TECHNICAL SKILLS

- Vi/Vim and UNIX shell
- AWK
- HTML/CSS
- Java 8 Oracle CA 
- Visual Basic
- SSH
- Apache/Nginx
- C99
- Remote server (Vultr)
- Git/Github
- Jenkins
- Eclipse IDE

WORK EXPERIENCE

Intern for Voci Technologies, Inc.

Summer 2019, 20 hrs./week, Tools development for Technical Account Managers

- Developed a dashboard in Excel designed to introduce a simple workflow for clients to perform tuning associated with transcription of audio. Dashboard workflow as follows: 1) Select files for processing 2) Customize report parameters 3) Generate tuning report 4) Generate tuning file based on details in report and user input 5) Deploy tuning file for all future transcription requests 6) Apply tuning to transcripts used to generate report.
- Developed a script to take raw text as input and 1) identify out-of-vocabulary (OOV) words/terms 2) Produce a report of OOV terms for analysis 3) Based on analysis and context from the raw text, generate a tuning file to be used during audio transcription.
- Developed a script to parse JSON-formatted transcripts and calculate total silence for a transcript on each stereo channel.

Contract work for American Board of Toxicology

Summer 2017

- Used regular expressions to extract information from an outdated database and reformat it to plain delimited text.