Levi Carroll

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Education

Tennessee Technological University   Cookeville, Tennessee
BS in Electrical Engineering   *2014 - 2020*

Skills

Programing Languages		Operating Systems		Tools	
Python	*4+ Years*	*Linux*	*8+ Years*	*Git*	*5+ Years*
C++	*2+ Years*	*- RHEL*		*Visual Studio*	*2+ Years*
Java	*1+ Years*	*- CentOS*		*MATLAB*	*3+ Years*
C#	*<1 Years*	*- Arch Linux*		*Octave*	*3+ Years*
Bash	*7+ Years*	*- Ubuntu*		*PyCharm*	*1+ Years*
Powershell	*2+ Years*	*Windows*	*3+ Years*	*Microsoft Office Suit*	*8+ Years*
Arduino	*3+ Years*	*MacOS*	*1+ Years*	*Cisco IOS*	*<1 Year*
LaTeX	*2+ Years*			*Docker*	*<1 Year*

Experience

Dynetics   Huntsville, AL
Electrical/Software Engineer (Python, Java, C#, C++)   *Oct. 2021 – Present*
Worked as a member of an agile team supporting military UAV systems by writing, maintain, and testing software in C#, Java, C++, Python, and Bash. Wrote software improvements to a large existing codebase.

GLC Tech, Inc.   Huntsville, AL
Electrical/Software Engineer (Python)   *Oct. 2020 – Oct. 2021*
Created software for the generation, management, and analysis of large data sets. Streamlined and automated complex emulation workflows. Performed complex numerical validations of proposed transistor degradation mechanics.

Center for Energy Systems Research   Cookeville, TN
Undergraduate Researcher (Arduino, Python)   *Oct 2019 – May 2020*
Designed and built tools to help test long-range capacitive wireless power transfer systems. Participated in 'in the field' tests of high voltage long-range wireless power transfer systems.

American Cast Iron Piping Company   Birmingham, AL
Full-Time Intern (Ladder Logic, Python)   *May 2019 – Aug 2019*
Saved the facility conservatively $250,000 in process improvements. Programmed PLC controls and Siemens HMI panels. Fixed problems in machinery and control systems. Collected and analyzed data on complex systems.

References

Dr. Samson Melamed Ph.D	**Dr. Greg Creech Ph.D.**	**Robert Lindsey**
CTO - GLC Technologies	*CEO - GLC Technologies*	*Software Lead - Dynetics (former)*
samson@glcsquared.com	greg@glcsquared.com	robert.c.lindsey@gmail.com