

# Joel O. Savitz

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<b>EDUCATION</b>	<i>Bachelor of Science</i> , Computer Science and Mathematical Sciences University of Massachusetts Lowell, Lowell, MA Honors College, Honors Fellowships, Dean's list	Fall 2020 GPA: 3.99
<b>SKILLS</b>	<i>Languages</i> : C (standard and GNU), C++ (2011 standard), Python (2 and 3), Bourne shell, Bourne-again shell, x86_64 and x86 assembly language, L <sup>A</sup> T <sub>E</sub> X, markdown, GNU Make, exposure to rust, javascript, ruby, GNU autotools <i>Git</i> , GDB, valgrind, vim, vim plugins, GitHub, GitHub pages, HTML+CSS <i>Operating Systems</i> : Linux, Windows, Unix-like OSs (e.g. macOS). <i>Linux Distributions</i> : Arch, RHEL, Fedora, Ubuntu, ChromeOS. <i>Other</i> : Office Software (Google Drive, MS Office, Libreoffice), effective oral and written communication, tech support, computer hardware, web hosting systems, domain configuration, patience	
<b>EXPERIENCE</b>	<i>Linux Kernel Engineering Cooperative Internship</i> Red Hat/IBM, Red Hat Enterprise Linux Core Kernel Team Westford MA	January 2019 to Present
	<ul style="list-style-type: none"><li>• Developing and debugging Red Hat Enterprise Linux.</li><li>• Contributing to Free and Open Source Software</li><li>• Contributing to the Linux Kernel</li><li>• Automating all things that can be automated</li></ul>	
	<i>Developer and Research Assistant</i> University of Massachusetts Lowell, Engaging Computing Group research laboratory	November 2017 to December 2018
	<ul style="list-style-type: none"><li>• Worked on IoT sensor network project to analyze salinity in groundwater following storm surge</li><li>• developed and demonstrated examples of distributed games on IoT devices for educational purposes</li><li>• Researched and developed innovations in computer science education</li><li>• Co-authored research paper on virtual reality for education, Published at SIGCSE 2019</li></ul>	
	<i>Co-Founder and President</i> TechSimple, Newton MA	April 2016 to Present
	<ul style="list-style-type: none"><li>• Solving technology problems of those who grew up before the age of computers and smartphones</li><li>• See <a href="http://techsimple.co">http://techsimple.co</a> for more information</li></ul>	
	<i>Research Associate and Personal Assistant</i> Professor Marcia Feld, Newton MA	August 2016 to April 2017
	<ul style="list-style-type: none"><li>• Took dictation and notes from former professor of city planning and turned them into a digital format</li><li>• Co-authored a report on the housing situation in Newton for members of the Jewish Community based on a survey from early 2016</li><li>• Worked with city planners from the City of Newton</li><li>• Managed email communications and general office organization</li></ul>	