

<b>Interests</b>	Operating Systems, Mobile Computing, Virtualization, Embedded Systems	
<b>Education</b>	<b>Columbia University</b> , New York, NY <i>Doctor of Philosophy (Ph.D.)</i> in Computer Science (Systems) <i>Dissertation/Thesis:</i> Multi-Mobile Computing <i>Advisor:</i> Professor Jason Nieh	Aug 2012 – May 2020
	<b>Columbia University</b> , New York, NY <i>Master of Philosophy (M.Phil.)</i> in Computer Science <i>Master of Science (M.S.)</i> in Computer Science	Aug 2012 – May 2015 Aug 2012 – Oct 2013
	<b>Yale University</b> , New Haven, CT <i>Master of Science (M.S.)</i> in Computer Science	Aug 2011 – May 2012
	<b>University of Michigan</b> , Ann Arbor, MI <i>Bachelor of Science (B.S.E.)</i> in Computer Engineering <i>Bachelor of Science (B.S.E.)</i> in Computer Science Engineering <i>Minors:</i> Mathematics, Physics	Aug 2004 – Apr 2008
<b>Professional Experience</b>	<b>Logics (Technology Consulting)</b> <i>Partner</i> <ul style="list-style-type: none"><li>• Providing solutions (computer infrastructure, architecture, and mobile computing) for companies</li><li>• Improving current state of technology for companies</li></ul>	Kuwait 2021 – Present
	<b>Kuwait University</b> <i>Assistant Professor in Computer Science</i> <ul style="list-style-type: none"><li>• Working on Systems research</li><li>• Teaching Systems courses</li></ul>	Kuwait 2020 – Present
	<b>Columbia University</b> <i>Graduate Researcher</i> <ul style="list-style-type: none"><li>• Participated in building Cider/Cycada (Android kernel support for running native iOS apps)</li><li>• Registered two patents under Cider/Cycada as joint inventor</li><li>• Built a mobile device sharing framework</li><li>• Integrated multiple mobile systems to provide a more capable one</li><li>• Provided kernel code as a Teaching Assistant for W4118 Operating Systems (+150 students)</li></ul>	New York, NY 2012 – 2020
	<b>VMware Inc.</b> <i>Software Engineer II</i> <ul style="list-style-type: none"><li>• Worked on VMware Operating System (ESX) kernel and device driver development</li><li>• Assigned as Networking developer lead for ESX 4.0 Update 3 release</li><li>• Analyzed core dumps and code to root cause and fix various kernel and device driver bugs</li></ul>	Palo Alto, CA Sept 2008 – Apr 2011
<b>Selected Publications</b>	N. AlDuaij, J. Nieh. “Tap: An App Framework for Dynamically Composable Mobile Systems.” <i>Proceedings of the 19th Annual International Conference on Mobile Systems, Applications, and Services (MobiSys 2021)</i> , Virtual. June 2021 N. AlDuaij, A. Van’t Hof, J. Nieh. “Heterogeneous Multi-Mobile Computing.” <i>Proceedings of the 17th Annual International Conference on Mobile Systems, Applications, and Services (MobiSys 2019)</i> , Seoul, South Korea. June 2019 J. Andrus, A. Van’t Hof, N. AlDuaij, C. Dall, N. Viennot, J. Nieh. “Cider: Native Execution of iOS Apps on Android.” <i>Proceedings of the 19th International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS 2014)</i> , Salt Lake City, UT, USA. March 2014	