

Devon Walker

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Pittsburgh, PA

Research	Carnegie Mellon University, Prof. John Kitchin Graduate researcher ◇ Developing an empirical potential for graphene with a neural network.	Pittsburgh, PA January 2015 – Present
Industry	EZSoft, Inc Automation Engineer ◇ Provided on-site support for the research and development group within a major pharmaceutical company starting in January 2013. <ul style="list-style-type: none">· Managed projects for integrating new technologies into a prototype process.· Recorded experiment data into a database and using statistical analysis to develop further experiments and provide presentations to superiors. ◇ Developed an HMI application for a bakery with over twelve hundred I/O points spanning three synchronous control system PLCs.	Malvern, PA October 2012 – July 2015
	Classic Industries Quality Engineer	Latrobe, PA August 2012 – September 2012
	US Liner Company Research Engineer Internship	Cranberry, PA January 2012 – May 2012
	Chemical Engr. Dept., University of Pittsburgh Process Control Engineer Internship	Pittsburgh, PA May 2011 – December 2011
Education	Carnegie Mellon University M.S., Chemical Engineering (4.0/4.0)	Expected December 2016
	University of Pittsburgh B.S., Chemical Engineering (3.3/4.0) ◇ Minor in Computer Science	April 2012
Certificates	Fundamentals of Engineering Exam (EIT)	April 2012
Skills	Applications: Proficient in Aspen Plus, Microsoft Office, Cross-disciplinary Design, Linux, Virtual Machines, Ethernet Networking. Familiar with AutoCAD, SolidWorks. Programming languages: Python, Matlab, Simulink, LabView, SQL, C#, VBA, Java, PLC Ladder Logic, Latex.	
Affiliations	American Institute of Chemical Engineers Order of the Engineer	Member, 2010 – Present Member, 2012 – Present