# Devon Walker

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Pittsburgh, PA

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| Research | **Carnegie Mellon University, Prof. John Kitchin** | Pittsburgh, PA |
| | Graduate researcher | January 2015 – Present |

⋄ Developing an empirical potential for graphene with a neural network.

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| Industry | **EZSoft, Inc** | Malvern, PA |
| | Automation Engineer | October 2012 – July 2015 |

⋄ Provided on-site support for the research and development group within a major pharmaceutical company starting in January 2013.
  · 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.

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| **Classic Industries** | Latrobe, PA |
| Quality Engineer | August 2012 – September 2012 |

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| **US Liner Company** | Cranberry, PA |
| Research Engineer Internship | January 2012 – May 2012 |

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| **Chemical Engr. Dept., University of Pittsburgh** | Pittsburgh, PA |
| Process Control Engineer Internship | May 2011 – December 2011 |

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| Education | **Carnegie Mellon University** | Expected December 2016 |
| | M.S., Chemical Engineering (4.0/4.0) | |

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| **University of Pittsburgh** | April 2012 |
| B.S., Chemical Engineering (3.3/4.0) | |

⋄ Minor in Computer Science

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| Certificates | **Fundamentals of Engineering Exam (EIT)** | April 2012 |

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| 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.

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| Affiliations | **American Institute of Chemical Engineers** | Member, 2010 – Present |
| | **Order of the Engineer** | Member, 2012 – Present |