

Patrick Woodburn, Software Engineer

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SUMMARY	A software engineer passionate about emerging technology that allows users to interact with the world around them.	
EXPERIENCE	Comcast, Software Engineer xfinity.com Mar 2015 — May 2017 <ul style="list-style-type: none"> Designing and developing home security and home automation systems. Operating within a team of developers to develop and test a new home automation system Working with on internet connected devices to automate and secure users' homes. 	
	Franklin Institute, Teacher fi.edu Apr 2006 — Present <ul style="list-style-type: none"> Teaching robotics to high school students Planning lessons on the topics of electrical and software development. Teaching students how to program and build circuitry required for multiple applications of robotics. 	
	Independence Blue Cross, Software Engineer ibx.com Aug 2014 — Feb 2015 <ul style="list-style-type: none"> Writing secure access software for customers to access their person private Insurance information. Implementing given designs so that users may have the most comfortable experience possible when accessing their insurance information. 	
	BioHitech America, Intern biohitech.com Jan 2014 — Jul 2014 <ul style="list-style-type: none"> Developed Linux-based software to run on industrial organic digester Developed software to run on headless industrial machinery and preform analytics on their use. Set up and maintained Linux devices to be used in embedded industrial applications. 	
VOLUNTEERING	Code for Philly codeforphilly.org May 2011 — Jan 2016 <ul style="list-style-type: none"> Developed Open source software for the betterment of conditions in Philadelphia Acted as a subject matter expert on developing API's and integrating them into web and mobile apps. 	
EDUCATION	Harrisburg University Of Science And Technology Bachelor - Computer Information Sciences, GPA: 3.4 Major Sep 2010 — May 2014	
SKILLS	Software Engineering: Java, C++, Python, Android, HTML, Object Oriented Programming, JavaScript, Nodejs, Git, Linux, rxJava Electrical Design: Circuit Design, Prototyping	
INTERESTS	Robotics [<i>Internet Of Things, Electrical, Control Systems</i>], Artificial Intelligence [<i>AI, Neural Networks, Big Data</i>], Home Automation [<i>Internet Of Things, Electrical</i>], Embedded Systems [<i>Linux, Micro Controller, PIC, AVR, Arm</i>]	