

David Udelson

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EDUCATION	Cornell University , Ithaca, NY Candidate for Bachelor of Science in Computer Science	Expected May 2018
RELEVANT EXPERIENCE	Quality Assurance Intern <i>Datto, Inc.</i> , Norwalk, CT <ul style="list-style-type: none">▪ Tested Datto's Backupify for Office 365 service manually▪ Automated the manual testing process using OpenQA Developer <i>Northeast Delta Dental</i> , Concord, NH <ul style="list-style-type: none">▪ Developed robust and extensible Python scripts which facilitated developer workflow▪ Improved style and readability of pre-existing Java and Python code▪ Significantly extended test coverage of pre-existing code base Paging Assistant <i>Olin Library at Cornell University</i> , Ithaca, NY <ul style="list-style-type: none">▪ Paged and processed library books Python Instructor <i>Bow Memorial School</i> , Bow, NH <ul style="list-style-type: none">▪ Taught middle school students the basics of programming in the Python programming language as part of a self-motivated senior project▪ Developed and implemented 10 weeks of lesson plans covering essential elements of the Python language and provided individualized instruction to a small group of students FIRST Robotics <i>St. Paul's School</i> , Concord, NH <ul style="list-style-type: none">▪ Lead robot programmer on FRC team 1512 (St. Paul's Metal Vidsters)▪ Responsibilities included writing and debugging control code for the team's robot in the Java programming language, managing a team of programmers, and tracking the team's source code via version control software▪ Demonstrated essential team communication and collaboration skills through email, blog posts, and team meetings VEX Robotics <i>Bow High School</i> , Bow, NH <ul style="list-style-type: none">▪ Co-founded the VEX Robotics program at Bow High School▪ Wrote robot control code in a C-like language▪ Managed team members as a team captain	May 2016 – Aug 2016 Jun – Aug 2014 and 2015 Sep 2014 – May 2015 Feb 2014 – May 2014 Nov 2011 – Mar 2014 Sep 2010 – May 2014
RELEVANT COURSEWORK	<ul style="list-style-type: none">▪ Object-Oriented Programming and Data Structures in Java (CS 2110)▪ Discrete Structures (CS 2800)▪ Systems Programming (CS 3410)▪ Intro to Natural Language Processing (CS 4740)▪ Operating Systems (CS 4410)▪ Practicum in Operating Systems (CS 4411)▪ Intro to Analysis of Algorithms (CS 4820)▪ Functional Programming (CS 3110)	