

# David Udelson

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