

# nathanwalters

## contact

### current residence

918 W Illinois St  
Towsend 533A  
Urbana, IL 61801

### permanent residence

519 S Vail Ave  
Arlington Hts, IL 60005

847.312.8411

nwalter2@illinois.edu  
nwalters.com  
github.com/nwalters512

## summary

I am currently a freshman at the University of Illinois Urbana-Champaign studying computer science. I am a largely self-taught programmer seeking to increase my knowledge of real-world software development. I love working on teams, am passionate about writing beautiful and well-designed code, and am driven to learn more and expand my abilities.

## education

|              |  |   |
|--------------|--|---|
| 2015–present | <b>Bachelor</b> of Computer Science<br>Expected graduation: May 2019 | University of Illinois Urbana-Champaign |
| 2011–2015    | <b>High School</b><br>Highest Honors<br>Cumulative GPA of 5.41/5.0   | Rolling Meadows High School             |

## experience

|           |  |
|-----------|--|
| 2011–2015 | <b>WILDSTANG ROBOTICS TEAM</b><br><i>Programmer</i><br>Worked on the subteam that developed a variety of software projects related to the FIRST Robotics Competition.<br>Achievements: <ul style="list-style-type: none"><li>• Wrote code that powered four distinct competition robots</li><li>• Designed software that allowed the robots to complete complex tasks autonomously</li><li>• Created an open-source electronic system that facilitates the collection and analysis of data on other robots at competitions</li><li>• Developed internal utilities to aid with testing and debugging, including a logging system and log visualizer</li></ul> |
| 2013–2015 | <b>THE BLUE ALLIANCE</b><br><i>Developer</i><br>Led the development of a native Android application for The Blue Alliance, a web service that hosts robotics competition data.<br>Achievements: <ul style="list-style-type: none"><li>• Utilized existing APIs to bring a better experience to mible users</li><li>• Developed robust caching system to allow for offline use</li><li>• Regularly released new features and upgrades to nearly 8,000 users</li></ul>   |

## skills

- Extensive experience with Java, Android, Git/GitHub
- Basic knowledge of C/C++, JavaScript, Python
- Excellent with teamwork and collaboration

## honors & awards

- Eagle Scout
- National Merit Scholarship Finalist
- Illinois Council of Teachers of Mathematics award
- High school physics department award