

nathanwalters

computer science student

contact

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languages

native english speaker
proficient in spanish

programming

Java, Android ♥♥♥
JavaScript, C++ ♥♥
Python ♥

summary

I am a 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

2015–2019 **Bachelor** of Computer Science The University of Illinois Urbana-Champaign
Enrolled in CS 125; on track to complete CS 225 in the fall semester of 2016

2011–2015 **Highest** Honors Rolling Meadows High School
Cumulative GPA of 5.41/5.0
AP BC Calculus, AP Physics C

experience

2011–2015 **WILDSTANG ROBOTICS TEAM**
Programmer
Worked on the subteam that developed a variety of software projects related to the FIRST Robotics Competition.
Achievements:

- Wrote code that powered four distinct competition robots
- Designed software that allowed the robots to complete complex tasks autonomously
- Created an open-source electronic system that facilitates the collection and analysis of data on other robots at competitions
- Developed internal utilities to aid with testing and debugging, including a logging system and log visualizer

2013–2015 **THE BLUE ALLIANCE**
Developer
Led the development of a native Android application for The Blue Alliance, a web service that hosts robotics competition data.
Achievements:

- Leveraged existing APIs to bring a fast, fluid experience to mobile users
- Developed robust caching system to allow for offline use
- Regularly released new features and upgrades to nearly 8,000 users

honors & awards

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