nathanwalters

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summary

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

education

2015–present **University of Illinois Urbana-Champaign**
Bachelor of Computer Science
Current GPA: 4.0/4.0
Expected graduation: May 2019

2011–2015 **Rolling Meadows High School**
Cumulative GPA: 5.41/5.0

experience

2017–present **PrairieLearn**
Implemented a system for PrairieLearn, UIUC's computerized testing and homework software, that enables the real-time grading of student code submissions.

2013–present **The Blue Alliance**
Contributed to The Blue Alliance, an open-source web service that hosts FIRST robotics competition data.
Achievements:
- Led development of native Android application
- Designed and implemented a UI for the app that was based on Google's Material Design spec
- Utilized React to create a modern, maintainable codebase for GameDay, a service that makes it easy to find and view webcasts from multiple events at once

2011–2015 **WildStang Robotics Team**
Worked on subteam that developed a variety of software projects related to the FIRST Robotics Competition.
Achievements:
- Wrote Java and C++ code that powered four distinct competition robots
- Created open-source Android app that facilitated collection and analysis of data on robots at competitions
- Taught and mentored younger students

skills

- Extensive experience with JavaScript, Java, Android, Git/GitHub
- Proficient in C/C++
- Skilled at collaborating on teams

honors & awards

- Eagle Scout
- UIUC: Chancellor's Scholar, James Scholar