

# Christopher Cooper

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## EDUCATION

### Purdue University, West Lafayette

Bachelor's in Computer Science, Bachelor's in Mathematics May 2020  
High school student enrolled in Purdue courses Fall 2014 – Fall 2015  
GPA: 4.0/4.0 with 11 credit-hours completed, 17 in progress (+ 52 transfer)  
Relevant Coursework: In progress:

- MA 351: Linear algebra
- MA 341: Proof-based analysis
- CS 182: Fundamentals of CS
- MA 450: Honors abstract algebra

### West Lafayette High School

Core 40 Diploma with Academic Honors May 2016  
GPA: 4.0/4.0 with 59 credits, including 17 AP credits

## EXPERIENCE

### Studio by Purdue

Student Developer Intern Summer 2016

- Interacted with senior developers and other interns in a small agile-based team.
- Abstracted and created functionality for the ASP.NET backend.
- Improved data storage in the React-based frontend using Redux.

### American Computer Science League Chapter, West Lafayette High School

President Spring 2015 – Spring 2016  
Previously Vice President/Member Fall 2012 – Spring 2015

- Won first place in a five-state regional computer science competition.
- Taught programming and computer science concepts to about 20 members.
- Shared responsibility with three other leaders to organize regular meetings.

### DevilTech Zero Robotics Team, West Lafayette High School

Team Lead Fall 2014 – Winter 2015

- Placed third in the international MIT Zero Robotics competition.
- Wrote C/C++ code for autonomous robots aboard the International Space Station.
- Collaborated closely with other Zero Robotics teams from around the world.

### Westside Boiler Invasion Robotics, West Lafayette High School

Programmer Fall 2012 – Spring 2015

- Designed and developed the team's website using Rails with three other students.
- Created a C program to analyze and organize large amounts of scouting data.

## SKILLS

### Programming Languages

- *Proficiency:* Ruby, Javascript, C#, Lisp
- *Experience:* C, C++, CSS, HTML, Java, Python, Elixir

### Other Tools/Frameworks

- *Proficiency:* Git, GNU/Linux and shell utilities, React, Redux
- *Experience:* Ruby on Rails, ASP.NET, SQL, Bash/Zsh, Phoenix

## HONORS

\$8000/yr Purdue Presidential Scholarship Winner	2016
Tony Zamora Jazz Scholarship Winner	2016
Purdue Bands Leath Scholarship Winner	2016
National AP Scholar	2016
American Computer Science League Central Division Senior Level Winner	2015
Zero Robotics International Third Seed Alliance	2015
National Speech and Debate Association National Tournament Qualifier	2015
Indiana High School All-State Jazz Band Lead Alto/Tenor	2014 & 2015
American Invitational Mathematics Examination Qualifier	2012 & 2014