

Christopher Cooper

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EDUCATION

Purdue University, West Lafayette

Pursuing a BS in CS and a BS in Mathematics Fall 2016 – May 2020 (expected)

Non-degree seeking student during high school Fall 2014 – Fall 2015

GPA: 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

Fall 2012 – Spring 2016

GPA: 4.0 with 59 credits, including 17 AP credits

EXPERIENCE

Studio by Purdue

Student Developer Intern

Summer 2016

- Worked in a small agile-based team with senior developers and other interns.
- 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.
- Worked closely with other Zero Robotics teams from around the world.

Westside Boiler Invasion Robotics, West Lafayette High School

Programmer

Fall 2012 – Spring 2015

- Worked in a small team to design and develop the team's website using Rails.
- Created a C program to analyze and organize large amounts of scouting data.

SKILLS

Programming Languages

- *Proficient:* Lisp, Ruby, C#, Javascript
- *Familiar:* C, C++, Java, Elixir, Python

Other Tools

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

HONORS

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|---|-------------|
| \$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 |