

Christopher Cooper

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EDUCATION

Purdue University, West Lafayette

Pursing 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.
- Collaborated 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

\$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