Christopher Cooper

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EDUCATION

West Lafayette High School
Core 40 Diploma with Academic Honors — Fall 2012 – Spring 2016
GPA: 4.0 with 59 credits, including 17 AP credits

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:
- MA 351: Linear algebra
- MA 341: Proof-based analysis

In progress:
- CS 182: Fundamentals of CS
- MA 450: Honors abstract algebra

EXPERIENCE

Studio by Purdue
Student Developer Intern — Summer 2016
- Worked in a small agile-based team wih 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.
- Analyzed and organized large amounts of scouting data using a simple C program.

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 Wiiner	2016
Purdue Bands Leath Scholarship Winner	2016
American Computer Science League Central Divison Senior Level Winner	2015
Zero Robotics International Third Seed Alliance	2015
AP Scholar with Honor	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