

Christopher Cooper

me

CONTACT

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github.com/cg505

EDUCATION

Purdue University, West Lafayette
B.S. in Computer Science 2020
B.S. in Mathematics 2020
GPA: 3.97/4.0, with 28 credit-hours
Coursework in progress:

- CS 240: *Programming in C*
- CS 251: *Data Structures & Algorithms*
- MA 450: *Galois Theory*

West Lafayette High School

Academic Honors Diploma 2016
GPA: 4.00/4.0, with 59 credits

SKILLS

Programming Languages

Proficiency

Ruby, Javascript, C, C#, Lisp

Experience

C++, CSS, HTML, Java, Elixir

Other Tools/Frameworks

Proficiency

Git, Linux, React, Redux

Experience

Rails, ASP.NET, SQL, Phoenix

HONORS

Purdue Presidential Scholarship Winner	2016
Tony Zamora Jazz Scholarship Winner	2016
Purdue Bands Leath Scholarship Winner	2016
National AP Scholar	2016
NSDA National	2015
Tournament Qualifier	
Indiana HS All-State	2014 &
Jazz Band	2015
AIME Qualifier	2012 & 2014

my work

WORK EXPERIENCE

Angie's List

Software Engineering Intern

Details to come upon completion.

Indianapolis, IN
Summer 2017

Studio by Purdue

Student Developer Intern

Focus: academicforecast.org, an app identifying successful trends for students.

Deployed this app to tens of thousands of students with senior developers in a small agile-based team. Improved data flow in the React-based frontend using Redux. Abstracted and created functionality for the ASP.NET backend.

West Lafayette, IN
Summer 2016

OTHER EXPERIENCE

American Computer Science League Chapter

President

Previously *Vice President/Member*

Individually won 1st place in a 5-state regional computer science competition.

Taught programming and computer science concepts to about 20 members.

West Lafayette High School
Spring 2015 – Spring 2016

Fall 2012 – Spring 2015

DevilTech Zero Robotics Team

Team Lead

Collaborated closely with Zero Robotics teams from around the world to write C++ code for autonomous robots aboard the International Space Station. Placed 3rd in the international MIT Zero Robotics competition.

West Lafayette High School
Fall 2014 – Winter 2015

Westside Boiler Invasion Robotics

Programmer

Designed and developed the team's website using Rails. Deployed a C program to organize and analyze hundreds of scouting records. Established a program with another school to create open-source scouting software.

West Lafayette High School
Fall 2012 – Spring 2015

PERSONAL PROJECTS

kotct/dot

MinneHack

A compilation of excellent dotfiles for common shells and editors. I designed the GNU Emacs configuration to be modular, lightweight, and easy to extend. It can seamlessly switch between personal configurations hosted on GitHub.

github.com/kotct/dot
January 2017

ringu

Dissatisfaction with existing Android Wear watch faces led me to create Ringu. It's designed to show information through rings around the watch face.

github.com/cg505/ringu

Docket

A virtual homework docket aimed to crowdsource homework assignments for high school classes. Since retired.

TicTacToe

A small exploratory project implementing AI techniques in the game tic-tac-toe. I wrote the base code in 5th grade but have since updated it to support arbitrary board sizes and other features.

github.com/cg505/TicTacToe