

# Samuel Mercier

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## Education

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### Purdue University

West Lafayette, IN

Bachelor of Science in Computer Science, GPA: 3.60/4.0

May 2019

Relevant Completed Course Work

○ CS 240 *Programming in C*

○ MA 351 *Elementary Linear Algebra*

○ MA 366 *Ordinary Differential Equations*

**Awards:** Purdue Presidential Scholarship & Purdue Marquis Scholarship

Fall 2015–Present

## Work Experience

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### CS 240 Undergraduate Teaching Assistant

January 2016–Present

- Assisted in teaching CS 240 *Programming in C* in weekly lab classes
- Helped prepare course materials including labs and exams

### CS USB Help Room Tutor

September 2015–December 2015

- Tutored students in CS 180 *Problem Solving And Object-Oriented Programming* and CS 240 *Programming in C*

## Other Experience

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### BoilerMake Hackathon Executive Board (Dev Team)

January 2016–Present

### Purdue FIRST Programs (IT Team)

August 2015–Present

### FIRST Robotics Team 461–Westside Boiler Invasion

2012–2015

- **Positions**–Treasurer (2014–2015) Head Programmer (2014–2015) Head of Web Development (2012–2015)
- Programmed the robot in C/C++ during the 2014 off-season and 2014–2015 season
- Lead the creation of a scouting system in 2013–2014 using C, Node-Webkit, and web languages (CSS/HTML/JS)
- Lead a redesign of the website using Ruby on Rails in 2012–2013, focus on front-end development

### West Lafayette High School Tech Dept. Volunteer Program

Summer 2013 & Summer 2014

- Helped develop web services for staff using Meteor, Sinatra, and other platforms

### Personal Projects

Available on [github](#).

- <http://github.com/samontea/hello-again> — A countdown timer to any big date in you life! Written in vala; uses gtk & sql heavy.
- <http://github.com/kotct/kotct.emacs> — A multi user emacs configuration system. Developed with my friends at kotct.

## Technological Experience

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### Programming Languages

- Proficient: C/C++, Ruby, Sass, & Web Languages (CSS/HTML/JS)
- Familiar: Java, Python, & Ruby on Rails

### Other

- Proficient: Bash, Common GNU shell utilities, Emacs, Git, GNU/Linux (especially Arch), Vim, & Zsh
- Familiar:  $\text{\LaTeX}$ , MongoDB, SQL (especially SQLite), & Windows