Samuel Mercier

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Education

Purdue University   **West Lafayette, IN**
Bachelor of Science in Computer Science, GPA: 3.60/4.0   *May 2019*
Relevant Completed Course Work

o CS 240 *Programming in C*   o MA 351 *Elementary Linear Algebra*
o MA 366 *Ordinary Differential Equations*

Awards: Purdue Presidential Scholarship & Purdue Marquis Scholarship   *Fall 2015–Present*

Work Experience

CS 240 Undergraduate Teaching Assistant   *January 2016–Present*

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

CS USB Help Room Tutor   *September 2015–December 2015*

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

Other Experience

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*

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

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

Personal Projects   *Available on github.*

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

Technological Experience

Programming Languages

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

Other

o Proficient: Bash, Common GNU shell utilities, Emacs, Git, GNU/Linux (especially Arch), Vim, & Zsh
o Familiar: LaTeX, MongoDB, SQL (especially SQLite), & Windows