

# WM. BLAKE SULLIVAN

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## Objective

- Seeking co-operative education employment in the field of software/web application development.

## Education

- **Rochester Institute of Technology** — Rochester, NY  
*Bachelor of Science in Computer Science*
  - Concentrating in Web Application Development

## Skills

- **Programming Languages:**
  - Proficient in Java, Javascript, Python, HTML, CSS
  - Familiar with Kotlin, MongoDB, C/C++/C#,  $\text{\LaTeX}$ , MIPS
- **Tools and Software:**
  - Proficient with Vim, Git & Github
  - Familiar with MongoChef, Subversion, Meteor, Django, Android Studio, X Code
  - Operating Systems: Windows XP to present, OS X 10.9 to present

## Personal Projects

- **WoolBrain** October 2016 – Present  
<https://github.com/WoolBrain/WoolBrain>
  - An extension of the explicitly-named BF language: <https://www.esolangs.org/wiki/BF> (warning: some explicit language).
  - Built using Minecraft command blocks and takes wool blocks as input.
  - Unlike other Minecraft BF implementations, this version is scalable and is only limited by the memory of the Minecraft application.

## Experience

- **ICanCodeClub** — Rochester, NY November 2015 – Present  
*Coding Instructor & Lesson Developer*
  - Taught students 1st-12th grade the basics of programming with the use of game design, robotics, and more.
  - Planned and wrote lessons for students to follow in a variety of languages.
- **Bryx, Inc.** — Rochester, NY June 2016 – December 2016  
*Software Developer (Co-op)*
  - Planning and development of new web-based applications.
  - Maintain the current website and deal with level 1 & 2 tech support issues.
  - Personal project at work laid out the groundwork for a new product.
- **Business Information Solutions** — Mobile, AL June 2012 – August 2012  
*Information Systems Technician Intern*
  - Gained experience in general IT customer service, technical support, and installation.
  - Worked on a major Ethernet cabling installation of a newly built corporate building.

## Activities

- Computer Science House @ Rochester Institute of Technology August 2014 – Present
- FIRST Robotics Team 3469 Captain/Programmer August 2013 – May 2014
- Coastal Cleanup Volunteer August 2010 – July 2015