

# Victoria Worrall

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victoriaworrall.com

Objective: To start a career where I can use teamwork and quick learning to develop excellent software

## Education

Virginia Tech, Blacksburg, Virginia  
College of Engineering  
Expected Graduation: May 2016

Major: Computer Science  
Minor: Math  
GPA: 3.40/4.0

## Relevant Experience

May 2015 – August 2015 **Intel** --Intern

- Created TeamCity tool using Python and bash that blocks all files with no copyright
- Integrated TeamCity with an outside tool via Python and bash to display commenting habits
- Used git to rebase and merge my changes into our team's repository

June 2014 – August 2014 **Intel** --Intern

- Designed, documented and began implementation of an ORCM DB test plan
- Worked with mentor to update Postgress queries and SQL queries for database
- Designed, developed and debugged an ORCM DB component in C.

August 2015 – present **Undergraduate Researcher (Social Interactome / Computer Science)**

- Use machine learning and natural language processing for sentiment analysis

August 2015 – present **Undergraduate Teaching Assistant (CS 3114)**

- Explain Data Structures and Algorithms 2 (CS 3114) course material to students
- Help debug students projects, including hashmaps, graphs and trees

January 2014 – May 2014 **BMW** --Intern

- Used JavaScript/JQuery to create custom SharePoint components
- Designed, developed and documented a system using SQL Service Reporting Systems
- Manipulated large amounts of data using SQL and C#

January 2013 – December 2014 **Undergraduate Teaching Assistant (Python)**

- Help students find errors and explain Python programming during Office Hours and Labs

November 2013 – present **Personal Programming Projects / Hackathon**

- Worked with a team to design and develop a math game using javascript/phaser.io
- Dual booted laptop with Ubuntu and Windows 8
- Created open source documentation for Sublime File Transfer
- Created and integrated one site with a database using PHP and SQL
- Created victoriaworrall.com via github pages

May 2013 – August 2013 **Mechdyne Corporation** --Intern

- Enhanced and developed websites using HTML, PHP and SQL
- Wrote both technical and non-technical documentation for company software

## Skills

- **Programming:** Java, C, Python, JavaScript, Web 2.0, PHP, SQL, bash
- **Software:** Terminal, git, Eclipse, SQL Server Reporting Systems, TeamCity, ORCM, SharePoint, cmd

## Activities

**Association of Women in Computing (2012 – present)**

*President (Fall 2013)*

- Organize club meetings and events
- Delegate tasks to other officers/members
- Communicate with faculty and other organizations

**Virginia Tech Running Club (2012-2013)**

**VT Computer Science Mentor/Mentee (2012 – present)**

- Help underclassmen learn git/web/Linux
- Worked on projects in C with mentor

**Miscellaneous Activities**

- Led a workshop on aliasing and github pages
- Volunteered at VT Hacks