

## **Alexander Jackson**

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### **Objective**

Graduate Computer Science student seeks full time position with reputable company or agency after graduating with M.S. in May, 2011.

### **Education**

**University of North Carolina**, Chapel Hill, NC

*Master of Science in Computer Science*, Graduating in May, 2011

Currently attending

**Washington and Lee University**, Lexington, VA

*Bachelor of Science in Computer Science with Honors*, June 2009

Cumulative GPA: 3.3, Major GPA: 3.7

### **Skills**

Skilled in Python(6 yrs), Java(5 yrs), and C/C++(4 yrs).

Experience with OOP, MPI, CUDA, SQL, Version control software (SVN, CVS, GIT), Bash Scripting, Eclipse, LaTeX, Web Development in Python/Django, HTML, CSS , some PHP and JavaScript.

Background in Unix/Linux environments.

### **Honors And Awards**

Dean's List (GPA > 3.4), 3 semesters

Honor Roll (GPA > 3.75), 1 semesters

Graduated Cum Laude with Honors in Computer Science

### **Work Experience**

**UNC-Chapel Hill** Chapel Hill, NC 09/2009 - present

Research Assistant with the Bioinformatics group under Leonard Mcmillan <http://compngen.unc.edu>

- Development and maintenance of a Web Framework in Python used by the computational genetics research group
- Development of a tool in Python that intercepts SQL queries and forwards them to a new database.

**Washington and Lee University** Lexington VA 06/2008 - 08/2009

Undergraduate Research Assistant in the area of Parallel Computing

Worked with various faculty members as a Summer research assistant in the area of parallel computing

### **Relevant Coursework**

**Graduate:** Databases, Compilers, Parallel Computing, Data Mining, Robotics, BioAlgorithms,

**Undergraduate:** Computational Theory, Algorithm Analysis, Software Development, Artificial Intelligence, Programming Language Design, Computer Organization, Networks, Operating Systems, Software Tools,

### **Activities**

**Editor of Computer Science, Washington and Lee Journal of Science** September 2006 - May 2009

Responsible for finding or writing an article to be published in the yearly university science journal.

**Men's Cross Country and Track, September 2005-May 2009**

*Senior Year Captain*

Acted as a go between for the coach and athletes and helped plan training and competition schedules for the season.

**Member of Phi Gamma Delta**

*Held office of Recording Secretary 2007-2008 school year*

Responsible for taking official chapter meeting minutes and as a member of the executive council had a voice in the direction of the Fraternity