

Zac White

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OBJECTIVE

To obtain an internship designing and implementing software for OS X that is fun to use and useful.

EDUCATION

University of Oklahoma, Norman, Oklahoma

Expected Graduation: December 2008

- Year: Senior
- Major: Computer Science
- Major GPA: 3.68

Honors

College of Engineering Dean's Honor Roll: Spring 2005, Fall 2005, Fall 2006, Spring 2007, Fall 2007

EXPERIENCE

Software Engineer, University of Oklahoma (Rex Page), Norman, OK

2008 - Present

- Working on curriculum for a Software Engineering course.
- Funded by National Science Foundation.

Focus: Writing instructional papers on ACL2, a subset of Common Lisp with mechanical theorem proving. Also focused on creating example solutions to programming exercises.

Software Engineer, University of Oklahoma (David Miller), Norman, OK

2005 - 2006

- Part of small team of engineers working on an autonomous rover.
- Funded by grant from Malin Space Science Systems.
- Project headed by Dr. David Miller, Computer Science Wilkonson Professor of Intelligent Systems and former JPL employee.

Focus: Writing software to get information about the rover's position and display it on a client computer; software able to control the rover if tele-operation is necessary; software written in Objective-C with some of the rover's instruction code written in LISP.

IT Technician, University of Oklahoma, Norman, OK

2004 - Present

- Update and troubleshoot Windows and Mac computers for College of Arts and Sciences.
- Work with a team of students to keep labs and computers in College running and current.

RELATED ACTIVITIES

C4[1] Scholarship Winner

2007

Awarded one of three student scholarships to attend Jonathan Rentzsch's C4[1] in Chicago, IL.

Participant, Apple World Wide Developers Conference, San Francisco

2006 and 2007

Won student scholarship to attend week-long event focusing on Leopard technologies; networked with developers from around the world; special interest in Mac Small Business Group.

Member of CocoaDevHouse

2006 - Present

Attended first meeting of CocoaDevHouse founded by Blake Burris of CocoaRadio. Created idea for first group project, Audipad, and maintain it today.

Opinion Columnist, Oklahoma Daily

Jan 2007 - May 2007

Write a technology column for the general reader addressing issues relevant to end-users.

President of Mac Users Group, The University of Oklahoma

2005 - Present

Arrange meetings and promote Mac use on campus; work with fellow Mac users to give support.

Mentor/Participant in Botball programs

2004 - Present

Work with high school students on robot construction and programming; attend regional and national competitions; created collegiate team at University of Oklahoma.

Co-Creator, Positron Software, Norman, OK

2000 - Present

Distribute software on my personal website, zacwhite.com/software.

SKILLS

Extensive knowledge of Mac operating systems, UNIX, Linux, Windows, Cocoa with Objective-C, RealBasic, Java, Graphic design, Web page design and markup; Firm grasp of C, C++, LISP, Javascript, CSS.

REFERENCES: Dr. David Miller, 405.325.1094 / Blake Burris, blakeburris@gmail.com