

Stefan Sundseth

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website: <http://stefasundseth.com>

Education

Wesleyan University - Middletown, CT

Class of 2013

- Degree: Bachelor of Arts *with Honors* in Computer Science
- GPA: 3.16
- Relevant Coursework: Programming Languages, Databases, Logic and Computation, Algorithms and Complexity, Computer Structure and Operation, Computer Theory and Automata, Cryptography
- Honors Thesis: *Identity Authentication and Secrecy in the π Calculus and Prolog* - A study into the techniques used to verify the security of communication protocols over the internet. Includes a proof of the correctness of one such technique.
- Athletics: Four Varsity Letters in Baseball, Co-Captain as a Senior in 2013

Skills

- Programming Languages: Python, Java, Prolog, λ Prolog, Ruby, SML
- Web Design Tools: Rails, Jekyll, Javascript, Coffeescript, SQL
- Experience with Linux: 3 years with Ubuntu, 1 year with Fedora
- 3 years experience with L^AT_EX
- Maintain a blog at <http://stefasundseth.com> since June, 2012
- High-Level Mathematics: Linear Programming, Discrete Math, Linear Algebra, Mathematical Logic

Work Experience

Web Design Consultant - Point-5Productions; Durham, NC

Summer 2013

- Gave advice on website user-interface and back-end design
- Created database schema to be implemented in several websites
- Developed a private web application which aids in project management

Rails Development Intern - Viget; Durham, NC

Summer 2012

- Received instruction in Ruby on Rails from professional developers
- Created three different websites from scratch using Rails
- Gained experience in version control using Git/Github

Teaching Assistant - Wesleyan University;

Fall 2011

- Led lab sessions three times a week for an introductory programming course
- Gave personal attention to students in need of help

Pool Director - Duke Diet and Fitness Club; Durham, NC

2011-2012

- Personally responsible for pool upkeep and cleanliness
- Directed lifeguards on their duties
- Interacted with patrons and addressed any of their concerns

Lifeguard - Freeman Athletic Center; Wesleyan University

Fall 2010

- Certified in first-aid and CPR; ensured patron safety

Restaurant Employee - WesWings; Middletown, CT

Fall 2010

- Trained in proper equipment usage
- Cooked and plated food
- Ensured equipment was working properly; performed janitorial duties

Lifeguard - Hollow Rock Swim and Racquet Club; Durham, NC

2007-2009

- Supervised junior lifeguards as an assistant manager in 2009
- Performed pool maintenance, ensured cleanliness and proper chemical balances
- Led and participated in weekly practice sessions for first-aid, CPR, and saves

Math Tutor - Trinity High School/Middle School; Durham, NC 2008-2009

- Tutored 6th-12th graders on math from pre-algebra to calculus

Baseball Camp Counselor - Jordan High School; Durham, NC 2006-2009

- Coached k-8th graders on baseball strategy and techniques
- Emphasized having a proper attitude and showing respect for the game

Honors and Awards

- Wesleyan Senior Academic Athlete 2013
- Maureen O'Donnell Classical Dictionary Award for four years of gold medals on the National Latin Exam 2009
- Piedmont Athletic Conference - All Conference Catcher 2009
- Jordan High School Academic Athlete of the Year 2009
- Member of the National Honor Society 2008-2009