

# Jared Debrunner

XXX XXXXXX XX  
Santa Cruz, CA 95064  
(XXX) XXX XXXX  
jaredmd@soe.ucsc.edu

## Education

University of California, Santa Cruz  
Computer Science PhD (2010 - present)

California State University, Chico  
Bachelor of Science, Computer Science and Math (May 2010)  
Graduated Magna Cum Laude

## Research

NSF REU at CSU Chico on the steady state rimming flow of non-Newtonian fluids (2009)  
Presented at the 2010 Joint Mathematics Meeting in San Francisco  
Journal article published in Applied Mathematical Modelling

Topology of intrinsically knotted graphs at CSU Chico with Professor Mattman (spring 2010)  
An effort to discover and catalog the minor minimal intrinsically knotted graphs.

## Professional Experience

Internship, Yahoo! Exceptional Performance Team (summer 2010 - present)  
Our team is responsible for making web performance tools. My role centers around the statistical mathematics and analysis of the tools. I am a key participant involved in rearchitecting a substantial tool for improved usefulness and scalability.

Teaching, Data Structures Teaching Assistant (fall 2010)  
I host two lab sections for a class of 120 students. I taught them to implement and utilize data structures in C, Java and Perl.

Tutoring, Upsilon Pi Epsilon honors society computer science tutor (2009, 2010)  
I specialized in tutoring algorithms, data structures, theory and discrete math.

I'm proficient with C, C++, C#, Java, Prolog, Perl, Java Script, HTML5, CSS3, Visual Studio, Linux development, Hadoop/MapReduce, and agile development. My larger projects have involved group development, game design, math theory and data/structure visualization.

## Scholarships

Regent's Scholarship (UC Santa Cruz 2010)

Michael Dixon Memorial Scholarship (2009, 2010 - mathematics)

Chevron Scholarship (2009, 2010 - computer science)

Jeffrey J. Hagen Memorial Scholarship (2008, 2009, 2010 - computer science)