

Srihari D. Seshadri | Hari

B.S. IN COMPUTER SCIENCE (COMPLETED 12/2011)
B.S. IN ELEC. & COMP. ENG. (COMPLETED 05/2011)
CARNEGIE MELLON UNIVERSITY [U.S. CITIZEN]

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77 Hudson St, Apt. 1913
Jersey City, NJ 07302

Skills:

Coding and Tools

- Java(EE), C, C++, Ocaml, x86, Perl [strength ordered]
- Git, IntelliJ/Eclipse, GWT/GXT, Flash, OpenCV
Gerrit, Jenkins, Simics, LaTeX, MATLAB, Highcharts

Misc.

- Placed 4th in K-6 US chess nationals, 4 time PA state champion (for grade), founded library chess club
- State level table tennis competitor (PA semifinalist)
- AIME Qual., Lehigh Valley ARML Team captain

Projects:

Facial Recognition Software (CMU 18-551)

- VC++ app and 50pg paper using OpenCV, Viola Jones
Built from scratch PCA + KNN, LDA, Fisherfaces.
Designed and coded new techniques including
artificial facial illumination & facial polygon etching

x86 (32) Operating System Design and Impl. (CMU 15-410)

- Jointly wrote a kernel (C + x86), managing IDT, VM,
PCB/TCB, context switching, concurrency, ELF load,
20+ system calls, drivers, user-space thread API

Startup Experience (Comprehend Systems)

- Joined pre-seed clinical tech YC startup. Company
now 10+ full times, raised \$2.6M, Fortune 50 clients
- Collaboratively built distributed multi-datasource
query engine with GWT/GXT/Highcharts frontend
- Built migration framework for writing converters to
upgrade serialized objects in Hibernate/JPA2

Independent

- Founded HariTutor – Students, tutors, admins
interact by scheduling lessons and managing bills,
payments, & notes. PHP5/MySQL, Cron reminders
- 100k+ views, 1.5k+ source code requests for
personal projects Quine McCluskey applet, poker
odds swf, symbolic algebra applet, VC# chat rm, and
more at hariseshadri.com/Projects/Independent

Multi-FUB Validation Utility (Intel)

- Designed and implemented dependency-based job
scheduling algo. Sole dev for cmdline & Swing GUI

Computation Exploration (PSC)

- Co-author of published academic guide and co-
taught high school parallel computing class (MPI)

TeraGrid '08 (US National Competition)

- 3rd place blackjack strategy analysis (*Beating Vegas*)

Testing:

ACT: 35/36 SAT Subject: 800 Math IC & IIC

Education:

Carnegie Mellon University

Cumulative GPA: 3.91 / 4.00

BS degrees in ECE (at age 19), CS (age 20)
08/2008 - 12/2011

Selected Collegiate Courses

	<u>(CID#)</u>
Algorithms	15-451
Probability Theory	36-217
Machine Learning	10-601
Signal Processing	18-551
Noisy Signals	18-391
Differential Equations	21-260
Operating Systems	15-410
Matrix Algebra	21-241
Web Application Development	15-437

Recent Employment:

Jane Street Capital

Trader
03/2013 – Present

Comprehend Systems (YCombinator W11)

Software Engineer (2nd employee)
07/2011 – 01/2013

Palantir Technologies

Palantir Finance Intern Developer
Summer 2011 Internship

Hari Seshadri Tutoring

Founder of the Math Tutoring Service
Hired 3 tutors, 100s of tutoring hours
01/2011 – Present

Intel Corporation

Design Automation Engineer
Perl automation and Swing frontend
Summer 2010 Internship

Carnegie Mellon: Computer Systems TA

15-213 TA (weekly classes of 30 students)
Fall 2010 Semester

Guru.com

.NET framework Email Service Client
Summer 2009 Internship