

Chirag Bharadwaj

Curriculum Vitae

14 February 2017

Research Lab (future)

Computer Science Department
35 Olden Street
Princeton University
Princeton, NJ 08544-5233

Home

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Kendall Park, NJ 08824-1488

Contact

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Birthdate

November 23, 1996 in Flushing, NY, USA

Citizenship

United States

Education

9/17–6/19 MSE candidate, Computer Science, Princeton University
(expected) Princeton, NJ
Incoming student
GRE: 328 (161 V, 168 Q), 6.0 AWA
8/14–5/17 BS candidate, Computer Science, Cornell University
(early) Ithaca, NY
College of Engineering
GPA: 3.41/4.00
Research interests: programming languages, computer architecture

Research

Department of Computer Science, Cornell University
8/16–5/17 Undergraduate Research Assistant
Designing Programming Languages for Approximate Computing
CUDA: Behaviorally-equivalent intermediate representation generation
LambdaLab (λab): Interactive λ -calculus for student learning (senior project)

Teaching

Department of Computer Science, Cornell University
1/17–5/17 CS 3410 teaching assistant
8/16–12/16 CS 3110 head teaching assistant
8/15–5/16 CS 3410 teaching assistant
1/15–5/15 CS 2800 consultant

Employment

Goldman Sachs
6/16–8/16 Summer Analyst; Jersey City, NJ
Division: Technology Infrastructure
Tasks: RESTful API, administrative console, authentication system, KeepAlive
Technology: Java, Dropwizard, Jackson, Jersey, JDBC, MySQL, Guava
Bank of Tokyo-Mitsubishi UFJ
6/15–8/15 Technology Intern; New York, NY
Division: Cloud Platforms
Tasks: Legacy work, CRM/GCRM integration, demo scripts, sandbox development
Technology: Salesforce, JavaScript, ASP.NET framework

Honors and Awards

5/17 Dean's list in the College of Engineering (Fall 2014, Spring 2015, Fall 2016)
5/16 Outstanding teaching assistant in computer science
12/15 Best final project in CS 3110
12/14 Outstanding achievement in chemistry

Projects

1. *Implementing Constructive Logics with OCaml*. Siva Somayyajula and Chirag Bharadwaj. Ithaca, NY. 12/2016.

Skills

Foreign languages:

English: Native proficiency

Kannada: Bilingual proficiency

Spanish: Professional working fluency

Programming languages:

Java, OCaml, C, Python

Assembly/Intermediate languages:

CUDA, LLVM, ARM, MIPS, Verilog

Scripting languages:

bash, awk, sed, ruby

Web programming:

HTML5, CSS, less, vanillaJS, Bootstrap, Jekyll, Liquid, Dropwizard, Jackson, Jersey, JDBC, MySQL, Guava

Tools and libraries:

L^AT_EX, Sublime Text, Eclipse, git, vim, valgrind, gdb, lex/yacc, flex/bison, gcc, clang

Interests

Applied math, linguistics, formal systems, typography, cartography, teaching, piano, running, badminton

References

Available upon request