Cole Diamond

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EDUCATION

Harvard University: School of Engineering and Applied Science — Cambridge, MA
  SM, Computational Science and Engineering — 09/2014 – 05/2015
  GPA: 3.8, GRE: 167 (V), 165 (Q)
Columbia University: School of Engineering and Applied Science — New York, NY
  BS in Computer Science: Artificial Intelligence. Minor in Economics — 05/2013
  GPA: 3.7
John L Miller Great Neck North High School — Great Neck, NY
  Valedictorian. SAT (2360 / 2400), All-State Cellist, 14 AP Courses (National AP Scholar) — 06/2009

HONORS

President, Association of Computing Machinery at Columbia University — 2012
  Orchestrate all events, speaker series, fund allocation and operations of the ACM Chapter at Columbia University.
HackNY Fellow, Grant recipient — 2011
  One of thirty students selected to participate in a highly competitive program that pairs aspiring engineers
  with startups and engages fellows in a series of mentoring lectures from venture capitalists and entrepreneurs

EXPERIENCE

Microsoft, Seattle, WA — 09/2013 – 09/2014
PROGRAM MANAGER, AMP NEWS TEAM
• Played an instrumental role in managing resources and synergizing efforts of engineers across development, test and design
  disciplines to create feed-aggregating infrastructure to power a local news application
• Architect, orchestrated and shipped a search feature for the new msn
• Managed strategic relationships with a top news provider to specify logistics and cement process flow for feed ingestion of audio media

Dorm Room Fund, New York, NY — 03/2013 - 08/2013
INVESTMENT TEAM, PARTNER
• Selected from a pool of hundreds of applicants to serve on First Round Capital's Dorm Room Fund investment team that
  oversaw the allocation of $500,000 into student-run startups
• Sourced deal-flow, and led business development efforts for the inaugural New York City team
• Served as deal lead for the investment into Databetes Inc., and managed the process from inception to closing.

BlackRock, New York, NY — 05/2012 - 08/2012
PORTFOLIO ANALYTICS GROUP INTERN
• Streamlined workflow and produced enhancements to in-house analytics tools
• Coordinated with the Municipal Bond Portfolio Managers to construct a VBA-based inventory surveillance tool.
• Released embedded perl script to graphically depict night jobs dependency hierarchies using the graphviz library.

COURSEWORK AND CORE COMPETENCIES

Graduate Level	Machine Learning, Artificial Intelligence, Quantum Computing, Compilers, Computer Networks Computational Robotics, Databases, Natural Language Processing, Advanced Scientific Computing, Bayesian Reasoning, Quant Analysis of Capital Markets, User Interface Design, Computer Vision
Undergraduate Level	Computational Linear Algebra, Discrete Mathematics, Accounting & Finance, Macro & Microeconomics, Statistics & Probability, Calculus IV, Econometrics, Financial Economics, Advanced Programming
Programming Languages	Ruby (6 years), Java (6 years), Python (5 years), C/C++ (4 years), SQL (4 years), HTML/CSS (4 years), Javascript/JQuery (4 years), MATLAB (3 years), Objective C (1 year), R (1 year), LISP (1 year)