Sabar Dasgupta

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EDUCATION

Stanford University, California
Computer Science, BS, 2018 (expected)

Princeton University, New Jersey (*courses taken while in high school*)
COS 226 Data Structures and Algorithms (Fall 2012), COS 217 Introduction to Programming Systems (Spring 2013), COS 402 Artificial Intelligence (Fall 2013), CHM 303 Organic Chemistry: Biological Emphasis (Fall 2013), COS 340 Advanced Programming Techniques (Spring 2014)

Princeton High School, New Jersey
Track and Field Hurdles Leader and Varsity Athlete, Cross Country JV Athlete, Science Bowl, Science Olympiad, Ultimate Frisbee Club, French Honors Society, Jazz Ensemble (Guitar), 4.55 GPA, 2300 SAT

EXPERIENCE

Chesscademy (http://chesscademy.com)   2013 - Present
Co-Founder and CTO
- ❖ Head of Development, Database Management, and Algorithms
- ❖ Chesscademy received over 2,500 signups and 125,000 pageviews within the first 24 hours of launch
- ❖ Developed a comprehensive chess openings database from a set of 6 million tournament games and built a discussion forum with nested real-time comments and real-time voting
- ❖ Statistics from August 18 to September 18, 2013: Over 4000 users and 300,000 page views
- ❖ Chess tutor for elementary school students

New Jersey Governor's School of Engineering and Technology   2013 Summer
- ❖ Brain Control Research Paper: http://oldsoe.rutgers.edu/files/BrainControl.pdf
- ❖ Built a RepRap Prusa Mendel i2 from scratch
- ❖ Experienced with AutoCAD and MakerWare

Orchive (https://angel.co/orchive)   2011 - 2013
Lead Developer
- ❖ Incorporated advanced social network authentication and integration system
- ❖ Designed algorithms to sort reports based on "trending value," location, and user-indicated preferences
- ❖ Real-time voting, flagging, and commenting
- ❖ Top-5 finisher in Intel Innovators Young Entrepreneurs Competition

SKILLS

- ❖ Well versed in Java, Ruby on Rails, C, Javascript, SQL, C++, Python/Django, Visual Basic, HTML, CSS, MATLAB

HONORS

Hackathons
- ❖ Stanford Treehacks - 2nd place
- ❖ Ebay Opportunity Hack - 2nd place
- ❖ Meta Augmented Reality Hackathon - 1st place
- ❖ Hack Red Hook - 1st place
- ❖ HackPrinceton - Venmo, SendGrid, MongoDB
- ❖ HackMIT - Thiel Foundation Prize
- ❖ CalHacks - Intel Mashery API Prize
- ❖ HackRU - Twilio API Prize
- ❖ HackNYU - Honorable Mention

Miscellaneous
- ❖ Columbia Science Honors Program
- ❖ Trentonian - Mercer County's High School Nominated High Achiever (Academic)
- ❖ National Merit Scholar Semifinalist
- ❖ National AP Scholar
- ❖ 400m IH - New Jersey State Qualifier, 3rd place Mercer County, Sophomore County Champion