



HEAT

HUMANITIES, ENTREPRENEURSHIP AND TECHNOLOGY
STUDENT SUMMER CONFERENCE
AUGUST 2013



Silicon Valley Student Summer Conference

HEAT is an academic and professional development institute based in Silicon Valley dedicated towards the advancement of the humanities, entrepreneurship and technology. Our student summer conference courses are taught in collaboration with Humanities Education And Leadership (HEAL) and QSci Lab at the Center for the Study of Language and Information at Stanford University.

Are you poised for “the sexiest job of the 21st century”? Big Data is predicted to create over 4.4 million jobs globally by 2015. HEAT offers a Silicon Valley insider’s perspective of the impending surge of Big Data and Data Science applications through faculty from business, humanities, IT, legal, and life sciences backgrounds. Our summer conference aims to impart hands-on data science skills and data-driven business development experience to students of all backgrounds.

To register, please visit:

<http://lingo.stanford.edu/heat>

<http://www.heatsv.org>

E-mail: heatsv@alumni.stanford.edu

2013 Student Summer Conference

HEAT’s Summer Conference will take place on Stanford University campus over the course of four sessions in August.

Registration is open for current and recent high school students, undergraduate students and graduate students.

HEAT Faculty and Lecturers are from:

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Program Details



Data Science (Days 3-4)

Data Science comprises the core of the Conference curriculum. Students will learn about the latest data engineering techniques and big data applications used in the most competitive and innovative companies in the world. Students will also have opportunities to help build data products with our teams both during and after the conference.

“HARVARD BUSINESS REVIEW calls data science ‘the sexiest job in the 21st century,’ and by most accounts this hot new field promises to revolutionize industries from business to government, health care to academia.”

– New York Times, April 2013



Silicon Valley Field Trip (Day 7)

Stanford is at the heart of Silicon Valley, and HEAT will take students on a field trip to one of our alumni companies, including Google, Facebook, Intel, StartX, and Stitcher. A current employee at one of these companies will guest lecture and field questions from students about Silicon Valley, work life, and job interview tips.

Silicon Valley History (Days 1-2)

HEAT’s conference curriculum, developed by Stanford alumni, faculty, and professionals, walks students through the history of Silicon Valley, starting from where it all began in Bill Hewlett and Dave Packard’s Palo Alto garage. Students will get an overview of the changes in technology that have brought us to the information technology era we live in today and visit one of several landmarks -- including the HP Garage and the historical home of the late Steve Jobs.



Business Applications (Days 5-6)

The business applications of data science are without limit. Students will learn how to transform data science projects into concrete business plans and walk through the key motions of starting a business. HEAT students will also have exclusive access to a business account and VISA at Stanford Federal Credit Union for business development after the conference.





Summer Schedule and Tuition

Session 1	Session 2	Session 3	Session 4
Aug. 4 – Aug. 11	Aug. 15 – Aug. 22	Aug. 22 – Aug. 29	Aug. 29 – Sept. 4

Tuition: \$2500/Session. Register by June 15 to qualify for a scholarship of up to \$500.

Conference Participants will stay at Stanford Guest House and take courses on campus at Stanford University. Housing, breakfast, course materials, and field trips are included in tuition.



Website: <http://lingo.stanford.edu/heat>

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