ANKUSH GOLA

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EDUCATION

Princeton University · Princeton, NJ   June 2015
B.S.E. in Electrical Engineering, with Honors
Selected Coursework: Operating Systems · Advanced Programming Techniques · Lightwave Communications · Quantum Computing · Building Real Systems · Image Processing · Computer Vision · Automatic Control Systems

Activies: IEEE · Wind Ensemble (Alto Saxophone) · Sigma Xi Research Honors Society

SELECTED AWARDS

The Bradley Dickinson Award (Co-Recipient) · *Princeton Dept of Electrical Engineering*   June 2015
Awarded to a senior with an outstanding record in the design and implementation of complex electronic systems.

HackPrinceton · *Princeton Entrepreneurship Club*   Fall 2012-Spring 2015
Three times first place winner (fall 2012, spring 2013, spring 2015) and one time second place winner (fall 2014) in hardware at semi-annual Princeton-hosted hackathon. Record for most first place wins in hardware category since competition started.

Princeton Pitch · *Princeton Entrepreneurship Club*   Fall 2014
Second place winner in annual elevator pitch contest. Over thirty teams participated.

Greylock Hackfest · *Greylock Partners*   Summer 2013-Summer 2014
One time overall second place winner ($5000 in prizes, accolades from several top Silicon Valley CEOs) and one time finalist (top 10) in the prestigious, invitation-only hackathon in San Francisco.

RECENT WORK EXPERIENCE

Facebook Inc. · New York, NY   August 2015 - Present
Software Engineer

Working on a disk caching library that supports most mobile products.

Princeton Dept. of Electrical Engineering · Princeton, NJ   February 2015 - May 2013
ELE 302 Lab TA

Assisted students in debugging code and circuitry for capstone junior-year design course.

Bloomberg L.P. · **Research and Development** · New York, NY   May 2014 - August 2014
Financial Software Development Intern

Developed (front-end and back-end) a search engine from scratch that aggregates and relates data from several government related functions on the Bloomberg Terminal. (Python, JavaScript, Solr, C++)

SELECTED PROJECTS

Dynamic Baseline Binocular Stereo with Multirotor UAVs · (Senior Thesis)   July 2014 - May 2015
A dynamic, wide baseline stereo vision system that produces novel depth-perception enhancing effects in 3D cinema by filming left and right perspectives with independent UAVs. Utilized techniques from machine learning, control theory and computer vision.

Histograph · (Team of five) · URL: histograph.us   February 2014 - May 2014
A website recommendation engine that also provides a suite of graphical analytics tools to monitor a user's browsing patterns. (Django, Memcached, Bootstrap, D3.js, PostgreSQL, JavaScript)

Bernice · (Team of two)   February 2014 - May 2014
A small vehicle that is controlled from a virtual reality station, both built from scratch. (Cypress PSoC, Arduino, Raspberry Pi, XBee, C)

SKILLS

Languages & Frameworks	C, Python, Java, OCaml/ML, Django, IA32, MIPS, OpenCV, IPython
Misc.	Unix/Linux, Git, Embedded Computing, UAVs, Arduino, Raspberry Pi