

ANKUSH GOLA

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401 E 34th Street · New York, NY 10016

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

Activities: 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

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.

Histogramph · (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