

Kashish Gupta

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EDUCATION

The University of Pennsylvania – GPA: 3.60

August 2014 – May 2018

School of Engineering and Applied Sciences – Master of Science in Engineering in Robotics (AI and Computer Vision)

The Wharton School – Bachelor of Science in Economics with Concentrations in Management and Statistics

- Relevant Coursework: Machine Learning, AI, Computer Vision, NLP, Advanced Robotics, Management, Marketing

Gwinnett School of Mathematics, Science, and Technology – GPA: 4.00

August 2010 – May 2014

- Test Scores: 35 ACT (36 Math), 790 Math 2 and Physics SAT Subject Tests
- Honors: Georgia's 20 Under 20, Governor's Honors Program in Physics, Rotary Youth Leadership Award

PROFESSIONAL EXPERIENCE

Bessemer Venture Partners

New York, NY

Venture Capital Analyst

June 2017 – August 2017

- Spoke with 4 auto manufacturers and many startups to conduct deep dive on driverless cars industry, built roadmap
- Explored warehouse automation and worker augmentation technologies, developed thesis on future of pick & pack
- Understood technology behind emotionally conscious AI/vision products, assessed market opportunity and demand
- Ran analysis on recapitalization of prospective investment and projected profitability of new business ventures

LYNK

Central, Hong Kong

Product Manager Intern

July 2016 – August 2016

- Built customer acquisition strategy for startup's Q&A app by interviewing customer segments and testing channels
- Lead creation of Node.js webapp with engineering and business development teams. Specified functionality, usability, and long-term features incorporating Agile methodology. Rendered UI/UX wireframes with user feedback

Mama's Cookin'

Philadelphia, PA

CEO and Founder

September 2015 – December 2016

- Conceptualized, designed, and built a two-sided marketplace iOS app for students to buy/sell home cooked meals
- Designed app and wrote front-end in Swift, tested customer segments to confirm demand, A/B testing for app's UI and UX, sold 24 meals over the course of 3 hours during initial pilot

Amphetamobile

Philadelphia, PA

Business Development Consultant

August 2015 – December 2015

- Recommended market shift and new development process using JSON, increasing profit margin by nearly 350%
- Evaluated market size and viability of product, developed market acquisition strategy, generated customer leads

Implantable Provider Group (IPG)

Atlanta, GA

Data Science Intern

June 2015 – August 2015

- Used SQL to parse healthcare financial data and identify surgeries movable from hospitals to ambulatory surgery centers, resulting in \$4M+ new profit opportunities from insurance providers in Alabama and Texas
- Ran normalized statistical analysis to create a physicians' scorecard to rank doctors by cost efficiency

TECHNICAL EXPERIENCE – github.com/kashgupta

Computer Vision: Pixel level depth detection from a single monocular image, Convolutional Neural Network for pill classification, realtime face swapping in video, pose and velocity estimation for quadrotor in realtime using just a camera, Convolution and Canny Edge Detection, Image Morphing and Seam Carving, Video Mosaicing, Optical Flow Detection

Natural Language Processing: Classification using Naïve Bayes/Bayes Nets and Hidden Markov Models, Vector space models with clustering, Named Entity Recognition and Hypernyms, classification and text generation using a Recurrent Neural Net, extractive text summarization with supervised learning and atomic events

Web Development: Extensive work with SQL and noSQL databases, worked as TA for a graduate Databases class, created fully functioning Facebook clone with chat using Node.js and servlets, extensive backend experience (Node.js)

Machine Learning and Deep Learning: K-means Clustering to segment images, training PacMan with reinforcement learning, Neural Net optimization, Perceptron and SVMs, logistic and polynomial regression, Decision trees with boosting

LEADERSHIP EXPERIENCE

Penn Social Entrepreneurship Movement: President and Compass Fellowship Chair

September 2014 – May 2017

- Taught key aspects of social entrepreneurship for incubator, advised 4 student startups and lead workshops

Penn International Impact Consulting: Senior Consulting Chair

September 2014 – May 2017

- Sourced and planned on-site projects with NGOs in 5 countries, mentored senior consultants and trained associates