Namit Juneja

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EXPERIENCE

Zeblok, New York City — *Data Scientist*

Software Engineer: May 2018 - September, 2018

• Developed statistical models to analyze GAIT characteristics of a patient such as GAIT velocity, asymmetry, cadence etc.
• Developed machine learning algorithms to accurately determine movement patterns of patients based on foot plantar sensor data.
• Implemented methods to help doctors create digital biomarkers to detect GAIT anomalies such as GAIT freeze etc.

Knowlarity Communications, New Delhi — *Software Engineer*

Software Engineering Intern: December 2016 - June 2017
Software Engineer: July 2017 - May 2018

• Developed real time data aggregation pipelines using Apache Spark to generate useful insights for users.
• Developed a machine learning solution to accurately assign keywords to the text generated by the speech recognition system for better search and indexing capabilities.
• Used machine learning to predict customer usage patterns and use that data to optimize user experience.

Sloopstream, New Delhi— *Co-founder*

June 2017 - Present

• Developed a device for retail stores that uses computer vision and machine learning to analyze behaviour of people in an open space.
• Winner of the Global Demo Day, San Francisco and currently deployed at 30+ stores across New Delhi.

Educatrium Ventures, Shanghai — *Software Engineering Intern*

June 2016 - August 2016

• Developed an end to end adaptive testing platform for chinese students to prepare for SAT examination.
• Designed algorithms that were used to analyze every aspect of a student, from their tendency to make mistakes on easy questions, to their reading speed and understanding of specific concepts.
• The platform is currently being used by more than 200,000 students across China.

RESEARCH

Stanford Crowd Research — *Research Project*

• Developed a self governed crowdsourcing marketplace designed to amplify trust in crowd work.
• Proposed and developed algorithms to create an automatic system that generates a predictive hourly rate for workers.

Acknowledged contributor in the following research papers:
• *"Crowd Guilds: Worker-led Reputation and Feedback on Crowdsourcing Platforms", ACM Conference on Computer-Supported Cooperative Work And Social Computing, USA, 2017*
• *"Boomerang: Rebounding the Consequences of Reputation Feedback on Crowdsourcing Platforms", User Interface Software and Technology Symposium, Japan, 2016*

SKILLS

Programming Languages
Python, R, C, C++, SQL, JavaScript, HTML

Software Packages
OpenCV, Matlab, Tensorflow, NumPy, Pandas, scikit-learn, Caffe, Keras

EDUCATION

University at Buffalo, Buffalo — *Master of Science*
September 2018 - December 2019 (*Expected*)

Major: Computer Science

VIT University, Vellore — *Bachelor of Technology*
July 2013 - May 2017

Major: Electronics and Communication Engineering
GPA: 8.61

AWARDS & ACHIEVEMENTS

Winner Bloomberg CodeCon at University at Buffalo, 2018

Chancellor's Special Achiever's Award at VIT University, 2016 & 2017

Grand Prize Winner at AngelHack, Jaipur, 2016

Top 10 / 1300 and 2-Sigma Sponsor Award at PennApps XIII (University of Pennsylvania), 2016

Top 15 / 1200 and Best Data Visualization Award at PennApps XIV (University of Pennsylvania), 2017

Best IoT Hack at HackMIT (Massachusetts Institute of Technology), 2016

International Award for Young People by The Duke of Edinburgh's International Award Foundation, 2016