



Xin (Joy) Yan

joy.yan2016@gmail.com | (408) 431 - 7932 | San Francisco Bay Area

<http://nr42.app>

Objective: Seeking fulfilling position as NLP/ML Engineer

EXPERIENCE

Neo-Humanity Project in AR and AI (San Jose)

January 2018 - Present

- Co-designed project to integrate future AI with humanity.
- Implementing augmented reality (AR) application with Unity3D, ARCore, ARKit, Android and iOS technologies.
- Implementing reinforcement learning functionality with Tensorflow.

Machine Learning Intern at aiNuco Inc. (San Jose)

June 2017 - August 2017

- Implemented core of search application in python.
- Implemented machine learning algorithms with Tensorflow, Keras, SciKit Learn, Gensim.

Software Engineer at HD Solutions (Nürnberg, Germany)

August 2011 - May 2012

- Key developer for HDS MDS system.
- Siemens Teamcenter PLM consultancy for large companies.

Software Research Internship at IBM (Böblingen, Germany)

March 2010 - December 2010

- Built statistical model of email attachments based on documents types and sizes.
- Designed and implemented attachment generator application based on statistical model.
- Designed and implemented the email content generator application based on the Hidden Markov Model.

LEADERSHIP & ACTIVITIES

3rd Prize at Silicon Valley Business Plan Competition

April 2017 - May 2017

- Co-developed business plan of Exceed Education solution.
- Implemented online platform demo to make US college admissions more accessible to foreign students.

2nd Prize at Paseo Public Prototyping Challenge

September 2016 - April 2017

- Paseo Public Prototyping Challenge invites multidisciplinary student teams to create a brighter future for City of San José.
- Worked as project engineer and implemented innovative mobile online market for local food fruits resources.

Braven Google Pilot Program for Leadership

August 2016 - January 2017

- Selected as fellow of Braven Google Leadership Pilot Program based on leadership ability and potential.
- Developed critical skills such as operating and managing, effective communications, and problem-solving.
- Utilized design thinking to develop solution to pressing real-world challenge of a customer.

EDUCATION

Georgia Institute of Technology, Georgia

Major: M.S. Computer Science

Anticipated Graduation: May 2020

Concentration: Computational Perception & Robotics

San José State University, California

Major: B.S. Computer Science

GPA: 3.7/4.0

Relevant Coursework: Data Structure And Algorithms, Object-Oriented Design, Agile Project Management, Calculus 1+2+3, Linear Algebra, Applied Statistics, Mathematical Modeling, Programming Paradigm, Artificial Intelligence, Virtual Reality / Augmented Reality, Unity3d, Software Engineering, Mobile Device Development, Java, C/C++, C#, Python

The University of Stuttgart, Germany

Major: Vordiplom. Natural Language Processing

Relevant Coursework: Information Retrieval and Text Mining, Speech Recognition and Synthesis, Statistical NLP, Machine Translation. Logic and Formal Language, Linux Programming

HONORS & PUBLICATIONS

- Phi Kappa Phi, the nation's largest and most selective honor society for all academic disciplines. *February 2018*
- Awarded German Academic Exchange Service Prize for outstanding academic performances. *October 2008*
- X. Yan, S. Jeschke, A. Dubey, M. Wilke, and H. Schütze, "RENS - Enabling a Robot to Identify a Person", in Proceedings of the 2nd International Conference on Intelligent Robotics and Applications (ICIRA 2009), Singapore, 16-18 December 2009, 2009, Lecture Notes in Computer Science, vol. 5928, pp. 43-54.