

310-936-8535
andor@henosisknot.com

Andor Kesselman
www.linkedin.com/in/andorkesselman/

4951 Cherry Ave. #150
San Jose, CA 95118

SUMMARY

I'm an autodidact and problem solver. I work with a team of highly specialized engineers in a problem space which requires CV, EE, and CS solutions. I'm interested in advancing research in multi-agent theory and artificially intelligent systems.

Research Interests: Multi-Agent Theory, Artificial Intelligence, Deep Learning, Optimization, Machine Learning, Distributed Artificial System, Technical Vision, Game Theory, Leadership

PROFESSIONAL EXPERIENCE

RetailNext - R&D Engineer

Apr '16 - Now

- Started and grew an international team for data annotation in deep learning training.
- Worked on a variety of problems with highly technical Postdocs/Experts (CV,EE,CS). Discussed and worked on different classification approaches (SVM, K-Means, NN, etc..), tracking algorithms, and tradeoffs between performance.
- Monitored and debugged world's first retail IoT stereo/wireless camera (Aurora®) that resulted in successfully deploying over 5000 cameras to the field. Aurora was a featured product on Qualcomm embedded computing page
 - <https://www.qualcomm.com/documents/retailnext-aurora-sensor-case-study>
- Effectively communicated between non-technical teams about current R&D research. Wrote difficult data analysis code for analysts
- Worked with team to develop embedded deep learning device
- Spanned a wide range of responsibilities as the swiss army engineer. I was able to quickly adapt, learn, and build code for a wide variety of systems
- Direct report to the CTO
- Managed the practical hiring process for hiring new analysts

RetailNext - Technical Insights Analyst

Jan '15 – Apr '16

- Lead data prototyping and presentation efforts
- Enhanced R&D offerings with prototype coding
- Became a leading resource for training employees about R&D offerings

- Produced automation infrastructure for analytic team to accelerate analysis
- Lead the management, munging, analysis, and integration of disparate data sources.
- Lead and trained internal teams on new skills and algorithms (R, Clustering Analysis, ARIMA)

RetailNext - Customer Experience Analyst

Sep' 2014 – 2014

- Developed bash scripts to automate processes and free time for other functions
- Worked closely with priority clients on feature deficiencies
- Lead insight with R&D to improve product
- Worked with customers to align product offerings with expectations

San Gabriel Valley Economic Partnership - Policy Intern

1st Semester

Claremont McKenna College -Sports Medicine Assistant

Aug '11 – Aug '13

Domain OMS - User Experience Consultant

Summer 2013

- Identified usability/flow issues with the product. Worked with business development to improve continuity.

USC Informational Science Institute - Research Intern

Summer 2012

- Benchmarked over 300 million medical entries increasing regression analysis performance by 100% when considering SQL vs. SAS.

KessJones Inc - Get-after-it Intern

Summer 2010

Mercatis Media - Office Intern

Summer 2010

EDUCATION

CLAREMONT MCKENNA COLLEGE ('14) , Claremont, California

Bachelor of Arts in Public Policy Analysis and Science, Technology, and Society (PPA/STS)

Organizations and Awards: Baseball Team (Cy Young, D3 Team of the Week), Speech and Debate

LANGUAGES

Programming Languages: Java, R, Python, Excel, Bash, Go, pSQL, Mathematica, Bash, Javascript, Photoshop, Illustrator. **Foreign Languages:** Japanese (Conversational)