

Random Sample Consensus: A Paradigm for Model Fitting with Application to Image Analysis and Automated Cartography

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Research Focus

Artificial Intelligence, Machine Vision, Switching Theory,
Computer Organization, Information Theory

B.E.E Degree – City College of New York, NY

M.S and PhD – Stanford University, CA

Computer Scientist – SRI International in 1977

- Published the RANSIC paper firstly in work report of SRI International in 1980
- Published the RANSIC paper in Graphics and Image Processing in 1981
- Currently working on Visual Odometry and Visual SLAM

Back to 1981

Computer Vision in 1981

- Focused on classification and recognition
- Science-based (hadn't gotten to applications yet)
- Initially focused largely on artificial worlds.
- Images were hard to come by.
- 3-D range sensing was almost viewed as cheating.
- Research was driven by sponsor's interests.



IBM first PC, 1981
4.77MHz



Apple II-Plus, 1981
Max of 64K RAM