



Jin Fan

I am broadly interested in bioinformatics, statistics, and computer science.

Education

- present | 2018 • **M.S., Clinical oncology**
Fudan University Shanghai Cancer Center  Shanghai, CN
- 2018 | 2013 • **B.S., Clinical medicine**
Fudan University  Shanghai, CN

Research about Oncology

- **Metabolomic and transcriptomics studies on the predicting the response of neoadjuvant therapy for rectal cancer**
(First author) Under validating with metabolic experiment. The result has been validated using enrichment analysis with RNA-Seq.
- **A novel prognostic model incorporating carcinoembryonic antigen in 3-week or longer postoperative period for stage III colon cancer**
(First author) Submitting
- **The Impact of Chemotherapy Completion on the Efficacy of Irinotecan in the Preoperative Chemoradiotherapy of Locally Advanced Rectal Cancer: An Expanded Analysis of the CinClare Phase III Trial**
(Co-first author) Published in *Clin Colorectal Cancer*. Just a mini research with simple analysis.

Computer Science

- 2012 • **First prize, National Olympiad in Informatics in Provinces (NOIP)**
Held by China Computer Federation (CCF).
- 2017 • **CallingU: calling the help just one-click**
An android APP to make use of the first-aid resources (including doctors). Funded by YF Capital; Awarded by Fudan University.
- 2018 • **RCT Assistant: help clinicians to manage Randomized Controlled Trial**
An android APP to enroll patients and perform the randomization. It has been in use for 2 years, with more than 20 hospitals in China.
- 2019 • **Performer: automatic generate code for per-form**
An automatic full-stack web frame to generate database system for clinical research. Demo: <http://123.206.137.251:92/list> (UI is from others)



Contact

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Skills

Programming language: Java, python, JavaScript, R
Algorithm: design and optimize the classic algorithm (dynamic programming, graph theory, etc)
Data analysis: do clinical statistics, apply machine learning, use PyTorch to train the CNN (such as ResNet)
Software development: android APP, simple website.

Last updated on 2020-05-28.