

Jin Fan

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



Education

present
|
2018

2018
|
2013

- **M.S., Clinical oncology**
Fudan University Shanghai Cancer Center 📍 Shanghai, CN
- **B.S., Clinical medicine**
Fudan University 📍 Shanghai, CN



Research about Oncology

- **Metabolomics and transcriptomics on predicting the response of neoadjuvant therapy for rectal cancer: pathway exploration and mechanism research**
(First author) The results from integrated analysis have been validated in metabolic experiment partly to date (still ongoing).
- **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: call 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, R, JavaScript, and C.
Algorithm: Algorithm design and optimization (dynamic programming, graph theory, etc).
Data analysis: Clinical statistics, machine learning, and CNN with PyTorch (such as ResNet).
Software development: Android APP, simple website.

Last updated on 2020-05-30.