

Zhaodong Wang

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EDUCATION

Carnegie Mellon University

Aug 2019 - Dec 2020

Electrical and Computer Engineering Master (GPA: 3.60/4.00)

Core Course: Data Analysis, Machine Learning, Deep Learning, Entrepreneurship and Innovation in Technology

University of Rochester

Aug 2015 - May 2019

Electrical and Computer Engineering Bachelor (GPA: 3.83/4.00)

INTERNSHIPS & STARTUP EXPERIENCE

Tencent Games, Tencent Company

Jun 2018 - Sep 2018

Game Operation Manager at K1 CrossFire Department

Shenzhen, China

Game: CrossFire mobile game, one of the most popular FPS games in China, with a domestic annual income over 0.7 billion dollars, and international annual income over 3 million dollars.

- Analyzed 40k international users' data in idata (internal database). Conducted time series analysis in Python to calculate the best profitable period. Generated interactive visualization of data by Matplotlib and Tableau. Based on the analysis, presented recommendations for the management team.
- Improved localization of different countries and areas. Conducted A/B testing of data in the previous two months and set game operation strategies to accommodate characteristics of local users.
- Optimized marketing strategies. Identified target groups, followed their market demands, and discovered potential consumers by analyzing competitors' operation data.

Longre Education Group

Jun 2016 - Aug 2016

Marketing Analyst at Marketing Group

Changzhou, China

- Conducted market analysis by collecting and analyzing existing students' information including demographic and member behaviors.
- Offered customized education products in the Sales Department and set unique learning plans for students.

OfferHarvest, A Platform Offering Education Consulting

Apr 2019 - Present

Co-Founder & Consultant

Pittsburgh, PA

OfferHarvest is a small-size startup, dedicating to provide high-quality and customized consulting of graduate school applications.

- From customers' personal demand to long-term exclusive consulting plans, each step of our service has been standardized. Created an overall tracking system to guarantee a successful application process.
- Found the target customers using campus networks at the beginning, propagated the brand influence through new media, etc. TikTok, Wechat, Zhihu.
- Within last year, reached the 100% successful rate. Outstanding cases were accepted by IVY with full scholarships.

CAMPUS & LEADERSHIP EXPERIENCE

University of Rochester

Jun 2016 - May 2019

Teaching Assistant, Workshop Leader & Tutor

Rochester, NY

- Workshop leader and exam grader for CHM131 (General Chemistry) in the Chemistry Department.
- Teaching Assistant for ECE230 (Electromagnetic waves).
- Tutor for multiple mathematic and economic courses in the Center for Excellence in Teaching and Learning

Parametric Imaging Research Laboratory

May 2018 - Jun 2018

Laboratory Assistant

Rochester, NY

- Developed an algorithm to compute phase and amplitude maps from magnetic resonance elastography.
- Leveraged 50k image simulation data, built a deep learning model to assess stiffness estimation in magnetic resonance elastography. Normalized image data and built a convolutional neural network by 3 hidden layers with per 25 units each layer.
- Tested real image data, and adjusted parameters and removed corrupted training data to optimize the accuracy.

SKILLS

- Programming Language: C, JAVA, Python, MATLAB, Multisim, MPLAB, and HSPICE.
- Data Analysis: SQL, Numpy, Pandas, Pytorch, Scikit-learn
- Others: Word, Excel, PowerPoint, Axure, Xmind