Frank Chen

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EDUCATION

University of Washington
Data Science M.S.
Winter 2020

University of California, Los Angeles
Computer Science B.S.
Spring 2017

Honors & Scholarships
Upsilon Pi Epsilon Honor Society
Eta Kappa Nu Honor Society
Commencement Student Speaker
Henry M. Showman Prize
Gerald J. Popek Scholarship in CS
Eric & Peggy Johnson Scholarship in Engineering

in linkedin.com/in/kfrankc

github.com/kfrankc

goodreads.com/kfrankc

SKILLS

LANGUAGES
English (native speaker)
Chinese (fluent)
French (intermediate)

CODE/TOOLS
Python, R, HTML/CSS, Javascript
PowerBI, PowerApps, Tableau

COURSEWORK

Statistics and Probability
Ethics in Engineering
Human-centered Data Visualization
Intro to Machine Learning
Scalable Database Systems
Mathematical Modeling & Algorithms
Operating Systems & Networking
Medical Imaging
Cybersecurity

PROJECTS

Data Science Capstone
Explainable AI tool for identifying market-relevance in news articles

Music Through The Ages
Billboard Top 100 Analysis
https://tinyurl.com/bboard100

Blood Flow Vector Visualization
Visualize medical dicom files:
https://kfrankc.com/cs188

IEEE NatCar
Design, build, race autonomous RC car on tracks marked by 1'' tape
1st at UC Davis Natcar Competition

EXPERIENCE

Product Manager II · Redmond, WA · August 2019—present
Microsoft
- Ship retail AI product Connected Store into Public Preview in the US and UK
- Specialize in building turnkey intelligent cloud-intelligent edge solutions
- Create vision for edge hardware setup via zero-touch provisioning
- Initiate end-to-end product validation framework—reduce bugs by 75%
- Manage multiple partner relationships across Azure, AI, and Research
- Strategize & execute on AI scenarios to aid front-line workers in covid-19
- Pitch product to executives at 2020 National Retail Federation Conference

Product Manager · Redmond, WA · July 2017—July 2019
Microsoft
- Build a scalable, reliable, and cost effective telemetry platform from 0 to 100
- Drive product utilization across hundreds of engr & data science teams

Undergraduate Researcher · Los Angeles, CA · March 2016—April 2017
Center for Vision, Cognition, Learning, and Autonomy
- Implement detection & tracking modules for robot learning
- Publish CoRL (Conference on Robot Learning) paper on deductive planning

Student Lecturer · Los Angeles, CA · Sept 2016—June 2017
Undergraduate Student Initiated Education (USIE)
- Design 10-week undergrad computer science seminar about cybersecurity
- Reach international audience with 1400+ subscribers to weekly email
  https://kfrankc.com/cs88s

Research Intern · Pasadena, CA · June 2015—June 2016
NASA Jet Propulsion Laboratory
- Publish two SPIE conference papers on segmenting IR bandwidth objects

Product Manager · Los Angeles, CA · Sept 2014—April 2016
Daily Bruin (UCLA's student newspaper)
- Lead end-to-end redesign of Daily Bruin's photo journalism blog visited by thousands of students and alumni

LEADERSHIP

Microsoft Intern Cohort Director
April—Sept 2020
- Train 150+ full-time leaders to support 4000+ interns with mentorship, professional activities, and social events
- Advise on inclusivity, safety, and budget for the Cohort Program during covid-19

Microsoft Early–in-Career Lead
June 2018—June 2019
- Build Microsoft's Early-in-Career community in engr. org of 500+
- Plan 10+ events with Corporate VPs on leadership spotlights and panel Q&As

UCLA Resident Assistant
Sept 2015—June 2017
- Accountable for a floor of 90 residents each year in the residential dorms on safety, well-being, growth, community

LA Hacks Director of Mentorship
Sept 2016—April 2017
- Lead mentorship crew of 50+ at LA Hacks, UCLA's premier hackathon that attracts 1500+ students around the US
- Create beginner workshops for first-time participants to lower barrier of entry in computer science

PUBLICATIONS

Year	Venue	Title
2017	CoRL	Learning Human Utility from Video Demonstrations for Deductive Planning in Robotics
2017	SPIE	Intelligent multi-spectral IR image segmentation
2016	SPIE	Cross-Correlation and Image Alignment for Multi-Band IR Sensors