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
Eta Kappa Nu
Commencement Student Speaker
Henry M. Showman Prize
Gerald J. Popek Scholarship in CS
Eric & Peggy Johnson Scholarship in Engineering

linkedin.com/in/kfrankc

github.com/kfrankc

goodreads.com/kfrankc

SKILLS

LANGUAGES
Python, R, C++/C
HTML/CSS, Javascript, SQL

TECHNOLOGIES
Figma | Git | VS Code
Azure DevOps | Kusto | PowerBI
Tableau | Jupyter

COURSEWORK

Statistics and Probability
Data Visualization
Intro to Machine Learning
Scalable Database Systems
Mathematical Modeling
Functional Programming
Medical Imaging
Cybersecurity

PROJECTS

SciFi Through The Ages
Trends in science fiction films:
https://scifithroughtheages.com

Blood Flow Vector Visualization
Visualize 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

MyoDrone
Build a selfie-drone controlled using Myo armband + Intel Edison
Top 30 out of 1000+ competitors

EXPERIENCE

Product Manager II · Redmond, WA · August 2019—present
Microsoft
Build retail AI business applications in Dynamics 365 using computer vision, IoT sensors, and intelligent edge compute hardware
Ship product Connected Store into Public Preview in the US and UK
Strategize & execute on AI scenarios to aid front-line workers during covid-19

Product Manager · Redmond, WA · July 2017—July 2019
Microsoft
Create a modern, scalable, reliable, and cost effective telemetry platform for Microsoft's core internal services utilized by hundreds of teams

Undergraduate Researcher · Los Angeles, CA · March 2016—April 2017
Center for Vision, Cognition, Learning, and Autonomy
Build detection + tracking modules in robot learning and fluent extraction
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
Reached 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—March 2016
The Daily Bruin
Lead end-to-end redesign of Spectrum, Daily Bruin's photo journalism blog

LEADERSHIP

Microsoft Intern Cohort Director
April 2020—Present
- Train 150+ full-time leaders for Microsoft's Intern Cohort Program, supporting the 4000+ Summer 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
Fall 2018—Spring 2019
- Build Microsoft's Early-in-Career community in engineering organization of 500+
- Plan events with Corporate VPs on leadership spotlights and panel Q&As

UCLA Resident Assistant
Fall 2015—June 2017
- Responsible for a floor of 90 residents each year in the residential dorms
- Accountable for fostering residents' safety, well-being, growth, and community

LA Hacks Director of Mentorship
Fall 2015—April 2017
- Led mentorship crew of 50+ at LA Hacks, UCLA's premier hackathon that attracts 1500+ students around the US each year

PUBLICATIONS

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