

Wilson Ho

Data Science & UX Design

experience

AI Research Assistant & Provost's Researcher USC Intelligence and Knowledge Discovery Lab

- Training, explaining, and visualizing sentiment analysis neural network models using hierarchical explanations through a visual web-based demo.
- Frontend: HTML/CSS/JS | Backend: Python pyTorch/TensorFlow

USC Viterbi School of
Computer Science
June 2020 -- Present

Human-Centered Designer & Team Lead CVS | Design for America

- Designing solutions to solve local and global issues: team lead for the minority rights team, focusing on small-businesses in the LA area
- Partnering with CVS for DFA's National Design Team to focus on improving sustainability for product design and customer behavior

USC
Los Angeles
Aug 2019 -- Present

Software Engineer & Event Organizer HackSC | Engineering Team

- Designing and developing the official website and dashboard features for USC's largest Hackathon
- Building SQL database for HackSC

USC
Los Angeles
Jan 2020 -- Present

Front-End Developer & UX Designer Major League Markets

- Leading design and development of a sports-stock investment iOS app/startup
- Main skills: Xcode, Sketch

Contract
Los Angeles
Dec 2019 - Mar 2020

UX & Interface Designer Hatch Credit

- Designing and prototyping final iOS app for a credit tracking/building startup.
- Main skills: Figma, Sketch, Zeplin

Contract
Los Angeles
Feb 2020 -- May 2020

education

University of Southern California Los Angeles, CA

2019 - Present
(B.A.) Data Science and (B.A.) Cognitive Science
with (Minor) User Experience

Current GPA: 3.93
Expected Graduation:
Winter 2021

University of Pittsburgh Pittsburgh, PA

2018 - 2019
(B.S.) Industrial and Organizational Psychology

GPA: 3.74
Unfinished
(Transfer)

I'm a self-starter, team worker, and detail-oriented student who is passionate about connecting and learning from others. I love developing solutions driven by data and curated by user needs.

contact

wilsonho@usc.edu
360-975-0318
LinkedIn: @wilsonho116
Los Angeles / Portland

skills & expertise

- **Languages:** Python, C++, SQL, R, HTML, CSS, JavaScript
- numPy, pandas, scikit-learn, matplotlib
- **ML:** PyTorch, TensorFlow, Google CoLab
- **Data:** MongoDB, Hadoop, Apache Spark, Firebase, AWS EC2
- SAP 4HANA, Data Warehousing, Data Modeling
- **Design:** Sketch, Figma, Framer, Task Analysis, Usability A/B Testing

relevant coursework

- Programming in Python
- Advanced Programming in C++
- Foundations of Data Management
- Introduction to Data Informatics
- Applied Business Statistics
- Linear algebra/ Multivariable Calculus
- Enterprise Data Analytics
- Web Publishing
- Design for User Experience
- In-Memory Data Modeling and Analytics

Will take this year:

- Applied Machine Learning and Data Mining
- Data Visualization and User Interface Design
- Full Stack Development

awards

- USC Provost's Research Grant
- Psi Chi International Honor Society of Psychology (top 20% of class)
- USC High Academic Achievement Award (3.9 GPA and above)
- Alpha Lambda Delta Honors