

Jacky Lu

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EDUCATION

University of California, Berkeley | Berkeley, CA

Bachelor of Science in Electrical Engineering and Computer Science

May 2019

Awards: Dean's Honors List, 3rd Place Greylock Hackfest (2017)

GPA: 3.7

Coursework: Data/Machine Structures (CS61 Series), Algorithms (CS170), A.I. (CS188), Discrete Math & Probabilities (CS70)
Machine Learning (CS189), Random Processes (EE126), Sp. Topics in Deep Learning (CS294), Signals (EE120),
Graphics (CS184), Compilers (CS164)

PROFESSIONAL EXPERIENCE

Berkeley Institute of Data Science | Berkeley, California

Software Developer & Researcher

Jun 2017 – Present

- Developed tools with the Jupyter (IPython) team at Berkeley to assist U.C. Berkeley Professors and course staff with technical infrastructure needed to teach classes across multiple disciplines.

GoFind.ai | Berkeley, California

Product Management Intern

June 2016 – Sep 2016

- Built Convolutional Neural Network to recognize different styles of shoes from multi-object images
- Planned process flows / project plans and organized data processing pipeline architecture (Deep Learning + Data analytics)
- Assisted with company branding and strategic direction drawing input from engineering and marketing teams. Designed pitch document and other marketing resources.

Google | San Francisco / Mountain View, California

Consultant, Project Lead

Jan 2016 – May 2016

- Led Berkeley ABA's marketing team, working closely with Analytics Premium's Head of Marketing, to provide market research and strategic recommendations for Google's upcoming launch of their enterprise analytics product.

PROJECTS

beAR

- Placed 3rd Place in Greylock Hackfest 2017 – built one of first network protocol frameworks for multi-user AR sessions in team of 4.
- Created multiplayer mixed-reality 3D demo of Pong on top of our framework; entire project built with Twisted (Python) and Swift in 24h.

FootwearNet

- Convolutional Neural Net to classify different style of shoes from multi-object images, with accuracy > 90% and latency < 22fps. (Caffe)

Bear Maps

- Google Maps clone, with fully featured map rastering and A* route search algorithm (Java)

TokenData.io

- Freelance full-stack JavaScript development and python data analysis for ICO informational website. (D3, NodeJS, Python Pandas)
- Implemented secure system for user login and portfolio management, python bindings to parse Ethereum blockchain data, ICO data analytics, as well as misc. front-end design.

LEADERSHIP AND EXTRACURRICULARS

The Daily Californian | Berkeley, California

Projects Contributor, Front-End Developer, Illustrator

Sep 2015 - Present

- Designing, building and writing interactive features, data stories and news applications. (D3, NodeJS, HTML, CSS)
- Published weekly illustrations for the largest independent college publications, reaching millions monthly. Work featured in standalone illustration pieces, as well as accompanying daily articles.
- Currently re-designing and building websites for the Production Team, an independent creative agency within the Daily Cal

Berkeley ABA | Berkeley, California

Marketing Chair

Dec 2015 – May 2016

Berkeley ABA is U.C. Berkeley's largest and oldest business organization

- Lead a consulting project for the head of marketing at Google Enterprise Analytics, at the head of a team of 8.
- Produced flyers, handbills, and social media and marketing strategy to lead a record-breaking Spring recruitment, doubling the applicants of the year before.

SKILLS AND INTERESTS

Technical: Python, Java, HTML/CSS, JavaScript, C++, Caffe, Tensorflow, NodeJS, Django

Rel. Skills: Frontend Development, Software Engineering, Machine Learning, Data Visualization, Data Science

Language: Fluent in Mandarin

Interests: Visual Arts, Poker, Hip Hop, Dogs