NOAH PICARD

Software Developer   noahpicard.com   noah_picard@brown.edu   707.974.0145

EXPERIENCE

Nextdoor San Francisco · 2019 - *Present*
Machine Learning Engineer / Interact Fellow
Moderation Team Built a system of classifiers to auto-report content violating community guidelines, including discriminatory and offensive content. This decreased time to removal for violating content by 25% and accounts for 1 in 5 reports on the platform. Building a classifier to resolve reported cases rapidly, further decreasing time to removal for violating content. Building a system of classifiers to understand and detect tone and speech acts across all content.

CoreML Team Built a system to capture real-time app state in feature logs for ML. Developed an automated system to detect demographic bias in ML models across the platform (racial and gender). Spearheaded comprehensive ML ergonomics improvements being implemented across the ML org. Independently built an ML framework to unify model experimentation interfaces for internal use.

Formally San Francisco CA · 2018 - *Present*
Co-founder & CTO
Built an immigration assistant to aid refugees and immigrants seeking legal status in the US. Independently developed, then managed a 5-person engineering team to develop the primary product, which to date has helped thousands of clients seeking asylum and work authorization. Coordinated all engineering efforts with CEO and design team, and regularly met with clients and investors.

B12 New York NY · *Summer 2018*
SWE Intern / RDV Academy Scholar
Acquisition Team Improved user experience with AI generated websites. Redesigned site theme selection. Built custom mobile onboarding to engage primary traffic source. Improved crowdsourcing system Orchestra to speed up workflows of designers and CSMs. A/B tested improvements to evaluate impact.

Nextdoor San Francisco CA · *Summer* 2017
SWE Intern / KP Engineering Fellow
Core Experience Team Built and launched website redesign internationally. Improved internal tools to investigate and resolve user conflict. Added engagement email delivery on agency platform. Improved coverage of Anti Racial Profiling system.

Pinterest San Francisco CA · *July – Sept* 2016
Software Engineering Contractor

Highlight San Francisco CA · *May – July* 2016
Software Engineering Intern

Enphase Energy Petaluma CA · *Summer* 2015
Software Embedded Intern

Brown University CS Providence RI · *2014 – 2016*
Teaching Assistant / Researcher

Remote Sensing Systems Santa Rosa CA · Summer 2014
Software Engineering Intern

Picard Web Design Cotati CA · *2013 – 2016*
Freelance Web Designer

Salazar Games Rohnert Park CA · *2011 – 2014*
CEO / Lead Designer

EDUCATION

Brown University
Sc. M Computer Science   2018 – 2019 GPA: 4.00
Machine Learning · Artificial Intelligence

Brown University
Sc. B Comp Sci / Math   2014 – 2018 GPA: 3.83
Honors · Magna Cum Laude · Phi Beta Kappa

LANGUAGES

Python · Java · Javascript · C · C++ · C# · Matlab · Ruby · PHP · CSS · HTML · SQL · Fortran · IDL · Lisp · Pyret · x86-Assembly

FRAMEWORKS

Tensorflow · Keras · sk-learn · React.js · Angular.js · Django · Meteor · Backbone. js · JQuery · Node.js · Maven · Jasmine · Ruby on Rails · Anaconda

PERSONAL SKILLS

Applied Mathematician · Published Poet/Writer · Hip-Hop Dance Performer · Black Belt (Konsei/Aikido)