Hana Mizuta

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EDUCATION

Columbia University   Expected Graduation May 2020
- BS Computer Science, Minor Electrical Engineering
- **GPA 3.80/4.00**, Dean's List
- Coursework: Operating Systems, Machine Learning, Digital Signal Processing, Languages & Translators

EXPERIENCE

Amazon Web Services Billing Team, Software Intern | Berlin, DE   Summer 2019
- Automating bill generation for refunds

Columbia University Signals & Systems, Lab Assistant | New York, NY   Fall 2018
- Ran lab sessions for Columbia's E3801 (Signals & Systems) Course, taught by Professor Xiaodong Wang
- Helped debug and assess lab work focused on analog signal processing of 2nd to 4th year EE students

Amazon Applied ML Team, Software Intern | Tokyo, JP   Summer 2018
- Created an LSTM neural net to tokenize Chinese language. Reached over 95% accuracy in tokenizing product names on www.amazon.cn
- Engineered a sequential neural net to predict the five-star rating of a customer review

Liquidaty Software Engineering Intern | New York, NY   Jan 2017 – Present
- Automated QA testing for RMBS analytics web portal using Katalon
- Predicted best interest rates for RMBS securities with ML solutions
- Implemented first UI of company's web portal to analyze auto asset-backed securities (auto ABS)
- Wrote web-scraping Python code to gather Auto ABS loan-level data from the SEC website
- Represented company at 2019 SFIG Vegas, 2018 ABS East Miami, and 2017 Google Cloud Conference

ACTIVITIES

Piano   2003 – present
- Performances at Carnegie Hall (Spring 2019/2017), Lincoln Center (Spring 2018), and Symphony Space (Fall/Spring 2017) as a member of a piano duo and a piano trio with Juilliard Conservatory musicians
- Semifinalist of Presidential Scholar of the Arts; Finalist of National YoungArts Foundation; Member of MTAC Young Artist's Guild; Awarded prizes at Ross McKee Foundation and Pacific Musical Competitions
- Graduated from SF Conservatory of Music Pre-College and Young Chamber Musicians Society in May 2016
- Raised over $20,000 through benefit concerts as President of Hope of Music, a music organization

Hackathons   2017
- BostonHacks (Oct 2017): Built Web App PharmAdopt with Facebook Graph API & Microsoft Azure ML API; won Most Objectively Human Prize and Diverse Team Prize
- DevFest (Jan 2017): Created Chrome extension ShowerThoughts; Top 10 feature on Product Hunt

SKILLS

Langauges	Java, Kotlin, C, C++, Python, Ocaml, JavaScript, MATLAB, HTML/CSS
Hardware	EE Lab tools, Arduino, Digital Logic, LTSpice, Logicly