HANA MIZUTA

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EDUCATION

Columbia University   Sept 2016 – May 2020
- BS Computer Science, Minor Electrical Engineering; **GPA 3.8/4.0,** *cum laude*
- Coursework: Operating Systems, Programming Languages & Translators, Cloud Computing & Big Data, Parallel Functional Programming, Machine Learning, User Interface Design

EXPERIENCE

Amazon *AWS Billing Team, Incoming Software Engineer | New York, NY*   Starting Sept 2020

Amazon *AWS Billing Team, Software Intern | Berlin, Germany*   Summer 2019
- Automated fixes to incorrect bills with pre-existing partial refunds using Kotlin, reducing manual work for AWS customer service representatives and decreasing bill fix SLA by 90%. Automation logic currently affects 200+ bills ($5M+ in revenue) a month

Columbia University *Signals & Systems, Lab Assistant | New York, NY*   Fall 2019, Fall 2018
- Instructed 20 students in MATLAB analysis of analog signals, covering topics such as continuous-time convolution, Fourier-series expansion, signal reconstruction, impulse response and forced response

Amazon *Applied ML Team, Software Intern | Tokyo, Japan*   Summer 2018
- Created an LSTM neural net using Gluon on a MXNet backend to tokenize Chinese product names, achieving 95% accuracy, to ease porting of web features from America (amazon.com) to China (amazon.cn)
- Engineered a sequential neural net using Keras on a Theano backend that predicted customer review star ratings given the text in the review, used to standardize ratings on the 5-star scale

Liquidaty *Software Engineering Intern | New York, NY*   Jan 2017 – May 2019
- Automated QA testing for RMBS analytics web portal using Katalon, reducing UI test time by 25%
- Implemented the first UI of company's web portal to analyze auto asset-backed securities (auto ABS). Added loan-level data on auto ABS, scraped from the SEC website with Python, to the web portal
- Represented company at 2019 SFIG Vegas, 2018 ABS East Miami, and 2017 Google Cloud Conferences

ACTIVITIES & AWARDS

Piano   2003 – present
- Performed at Carnegie Hall (Spring 2019, Spring 2017), Lincoln Center (Spring 2018), and Symphony Space (Fall 2017, Spring 2017) as a member of chamber ensembles with Juilliard Conservatory musicians
- Semifinalist of Presidential Scholar of the Arts; Finalist of National YoungArts Foundation; Member of MTAC Young Artist's Guild; Received prizes at the 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 student run music organization Hope of Music

Hackathons
- BostonHacks (Oct 2017): Built WebApp PharmAdopt; won Most Objectively Human & Diverse Team Prizes
- DevFest (Jan 2017): Created Chrome extension ShowerThoughts; Top 10 feature on Product Hunt

SKILLS

Languages Java, Kotlin, C, Python, OCaml, Haskell, JavaScript, MATLAB, HTML/CSS