

# Maxime Kawawa-Beaudan

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EDUCATION	<b>University of California, Berkeley</b> , Berkeley, CA <i>B.A. in Computer Science, Minor in Creative Writing, GPA: 3.85/4.00</i> <ul style="list-style-type: none"><li>Coursework: Machine Learning, Probability Theory, Discrete Mathematics, Algorithms, Optimization, Artificial Intelligence, Computer Architecture, Linear Algebra, Data Structures, Interpreters</li><li>Dean's List (Top 4%) – Fall 2017</li></ul> <b>Redwood High School</b> , Larkspur, CA <i>High School Diploma, GPA: 4.36/4.00, SAT: 1530/1600</i> <ul style="list-style-type: none"><li>Placed first in 2015 San Francisco Bay Area Science Fair; went on to California State Science Fair.</li><li>AP Scholar with Honors; National Merit Commended Scholar; Varsity Swimming</li></ul> <b>Stanford Online High School</b> , Stanford, CA <i>Education Program for Gifted Youth (EPGY)</i> <ul style="list-style-type: none"><li>Enrolled in advanced rhetoric, literature, and philosophy courses after exhausting options at Redwood High School.</li></ul>	Aug. 2017 - May 2021  Aug. 2013 - Jun. 2017  Aug. 2015 - Jun. 2017
PROFESSIONAL EXPERIENCE	<b>Salesforce, Inc.</b> , San Francisco, CA <i>Software Developer Intern</i> <ul style="list-style-type: none"><li>Worked on scalable machine learning with the data science team for Salesforce's AI group, Einstein. Researched anomaly detection for streaming data to identify actionable irregularities for clients.</li><li>Derived a novel approach combining density-based filtering with known methods to address application-specific failure modes like imprecision and over-detection due to noise.</li><li>Tackled problems regarding scale – clients being large and numerous enterprises with heavy data demands – with Scala and Apache Spark running on AWS clusters.</li></ul> <b>Dahlia Lights</b> , Millbrae, CA <i>Software Developer Intern</i> <ul style="list-style-type: none"><li>Worked as fifth employee at a startup developing AI-powered home control systems.</li><li>Implemented an entirely new back-end for automated data collection on Google Cloud Platform, allowing for storage of long-term data on the cloud rather than on hardware modules with limited memory capacities.</li><li>Implemented server-side data analysis using Google Cloud SQL to characterize users' habits and tailor user experiences accordingly.</li><li>Refactored 80% of client-side code base to offload expensive computations to the company's iPhone app, improve general responsiveness, and adopt a cleaner object-oriented structure.</li><li>Used object-detection models to develop contextual routines, customizing behavior of Internet-of-Things room lights based on a user's location.</li></ul>	Jun. 2019 - Aug. 2019  May 2018 - Aug. 2018
LEADERSHIP EXPERIENCE	<b>Published Author</b> , Berkeley, CA <i>Author of 50+ short stories</i> <ul style="list-style-type: none"><li>Published the short story "Waiting for Fireworks" in <i>Glimmer Train</i> literary journal (a journal which publishes 40 stories out of 40,000+ submissions per year). Published the accompanying essay "A Constitution for a Young Artist" in the same issue (Fall 2018).</li><li>Placed first in <i>Glimmer Train</i> Short Story for New Writers contest, claiming \$3,000 purse (2017).</li><li>Finalist in the National YoungArts Foundation talent contest (2017). Participated in week-long master classes from renowned authors. Awarded a \$3,000 merit-based grant to fund further work.</li></ul> <b>Introduction to Teaching Computer Science</b> , Berkeley, CA <i>Peer Tutor</i> <ul style="list-style-type: none"><li>Provided one-on-one instruction for 20+ students enrolled in introductory computer science courses, including CS61A (computer programs) and CS61B (data structures).</li></ul> <b>Other:</b> • Berkeley Fiction Review - <i>Manuscript Reader</i>	Aug. 2014 - Present  Aug. 2018 - Dec. 2018  Aug. 2017 - Dec. 2017
SKILLS	<b>Experienced In:</b> Python, Java, SQL, C, Scala, Spark <b>Languages:</b> English (native), French (fluent)	