

SCOTT JESPERSEN

Stanford, CA

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Summary

Exceptionally fast learner with great attention to detail; adept problem solver with a strong interest in decarbonization and the judicious and mindful application of technology.

Education

Stanford University 2020 (anticipated)
M.S., Computational and Mathematical Engineering

Pomona College 2012
B.A., Mathematics, Music, cum laude

▷ Thesis: *Optimizing Transmission of Renewable Energy Using Genetic Algorithms*

Relevant Experience

Research Assistant, Stanford University Oct 2018–present
▷ Produced visualizations to assist in data analysis for the Western Interconnection Data Analytics Project (<https://bitsandwatts.stanford.edu/widap>)

Software Engineer, Google Sep 2015–Feb 2018
▷ Developed reliable testing infrastructure to improve engineering productivity and release velocity for Google Vault

Software Engineer, Factual Inc. Jan–Aug 2014
▷ Led development of Factual's internal data quality measurement tool

Data Engineer, Factual Inc. Jan–Dec 2013
▷ Developed software tools for improving geocode coverage of Global Places dataset
▷ Curated and expanded several country-specific datasets

Summer Intern, Planning Department, City of Mountain View 2010

Technical Skills

- ▷ Programming languages: Fluent in Java, Python, Julia; familiar with Ruby, Clojure, JavaScript, C++, Matlab
- ▷ Comfortable in Linux, MacOS, and Windows

Academic Honors

William G. Blanchard Memorial Prize (2011 & 2012), William F. Russell Prize (2010)

- ▷ Awarded by the Pomona College Music Department

Activities

- ▷ Pianist, composer, musical co-director of Nebula jazz quintet (2016–present)
- ▷ Violinist with Merrimack Valley Philhamonic Orchestra (2015), Orchestra Santa Monica (2014), Pomona College Orchestra (2008–2012), California Youth Symphony (1999–2007)
- ▷ Musical Director of Men's Blue & White a cappella group (2009–2012)