

# Garth Griffin

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CONTACT INFORMATION	66 Morrison Ave Somerville, MA 02144	garth.w.griffin@gmail.com garthgriffin.com linkedin.com/in/garthgriffin
SKILLS	<i>Leadership</i> Co-founder, Chief Technology Officer, departmental director, systems architect <i>Data</i> Distributed compute, databases, large language models, machine learning <i>Programming</i> Python, Go, C/C++, Objective-C, Java, PHP, JavaScript, Bash, Matlab, SQL <i>Technologies</i> Clickhouse, PostgreSQL, MongoDB, MapReduce, LibSVM, Git, Jira, AWS	
PROFESSIONAL EXPERIENCE	<b>Gigasheet</b> (Leesburg, VA) <i>Co-founder and Chief Technology Officer</i> 2021 - Current Building a company that helps people make sense of massive data at scale in an intuitive spreadsheet-like interface. System design, people management, and hands-on implementation. <b>Harvard University</b> (Cambridge, MA) <i>Data Science Consultant</i> 2014 - Current Designing, implementing, and sustaining a new web-based visual interface for intuitive exploration of unique historical documents, collaborating with principal investigator and researchers. <b>Recorded Future</b> (Cambridge, MA) <i>Senior Data Architect</i> 2020 - 2021 <i>Senior Director of Data Science</i> 2019 - 2020 <i>Director of Data Science</i> 2017 - 2019 Led data science team shaping web-scale data into analytical threat intelligence. Promotions and increasing responsibility, from 2 direct reports to 14. Architectural decisions at the company level. <b>Recorded Future</b> (Cambridge, MA) <i>Data Scientist</i> 2012 - 2014 Built data models and prototypes in Python to improve core analysis product, developed predictive algorithms and analytical outputs for clients, and managed data quality tasks. <b>Google</b> (Mountain View, CA) <i>Software Engineer Intern</i> 2012 <i>Research Intern</i> 2011 Created automatic music summarization algorithm and mined social data for geographic trends.	
EDUCATION	<b>Tufts University</b> (Medford, MA) M.S., Computer Science. <i>May 2012.</i> <b>Swarthmore College</b> (Swarthmore, PA) B.A., Computer Science. <i>May 2009.</i> B.A., Music. <i>May 2009.</i>	
SELECTED PUBLICATIONS & PATENTS	J. Hines, A. Usher, <b>G. Griffin</b> . Networking data analysis in a visual spreadsheet. Patent number 11356345. USPTO, 2022. A. Subramanya, J. Gillenwater, <b>G. Griffin</b> , F. Pereiro, D. Eck. System and method for audio snippet generation from a subset of music tracks. Patent number 8666749. USPTO, 2014. <b>G. Griffin</b> , S. Li, C. Gramazio, R. Chang. An analytical approach for the creative design of new visualizations. Poster and extended abstract, InfoVis 2011. <b>G. Griffin</b> , Y. E. Kim, D. Turnull. Beat-Sync-Mash-Coder: A web application for real-time creation of beat-synchronous music mashups. In proceedings, ICASSP, 2010.	
AWARDS	Honorable Mention, National Science Foundation Graduate Research Fellowship. 2011. Member, Sigma Xi, Swarthmore Chapter. <i>May 2009.</i>	