

Profile

Director of Engineering at Relevance AI, leading the team in creating the home of the AI Workforce. I take both a hands-on technical role, directly overseeing key projects, as well as a high-level strategic and management role, growing the team and setting its overall direction. Previously, I was a senior engineering manager at Google Sydney. I'm particularly adept at bringing people together to succeed on long-horizon, technically challenging projects. I've created large teams that collaborate across multiple timezones to deliver products used by millions of users, and scaled processes to help small and large organisations operate faster and more effectively.

Extensive mentoring and coaching experience, and strong skills in public speaking, cross-organisational communication, and product strategy and roadmap development for large teams. Proficient in working across enormous codebases and in collaborative development environments, driving success for teams scaling from small groups up to large organisations across multiple functions. I'm particularly driven to improve diversity, equity and inclusion in the industry, and have significant experience managing and successfully growing underrepresented individuals.

Over 10 years of experience across end-user apps, web and cloud dev, and data science. Over 5 years in people management and engineering leadership, both hands-on and high-level. PhD in AI from the University of Sydney and a Fulbright Scholarship at UC Berkeley.

Experience

- **Relevance AI** Sydney, AU
Director of Engineering July 2024 – Present
 - Leader of the engineering organisation. Sets overall strategy to deliver on company's goals. Instilling engineering management practices and developing people.
 - Overseeing transition from startup to scale-up, installing scalable engineering practices whilst maintaining the team's nimbleness and velocity.
- **Google – Chrome and ChromeOS** Sydney, AU
Staff Software Engineer May 2015 – July 2024
 - ChromeOS Sydney Leadership Team
 - * Member of the leadership team for the 100 person Sydney site (part of the 700 person worldwide ChromeOS engineering organisation).
 - * Revamped engineering design review process across the organisation to scale with significant growth. Observed existing processes, identified deficiencies, designed a new streamlined process, and got buy-in from key stakeholders across the broader team to land it.
 - * Extensive mentoring, coaching, and career counselling for engineers of all levels of expertise.
 - Apps Platform Lead for ChromeOS
 - * Managing managers and directly leading a 20 person team building app platforms for Chrome / ChromeOS. Influence over goals and strategy for multiple sibling organisations spanning 100 people, including Enterprise and Commercial teams.
 - * Sets broad strategic direction and translates that into specific projects, providing overall guidance whilst allowing teams to execute autonomously.

- * Broad experience working across functions, including executives, product management, UX/UXR, program management, engineering productivity, testing, and product analysts.
- * Values-driven leader who creates team success and happiness through a strong culture.
- * Awarded Best Engineering Manager in Google Sydney (2020).
- Apps Engineering for Chrome and ChromeOS
 - * Foundational engineer for Progressive Web Apps on desktop and mobile platforms from 2015 onwards, owning core implementation, web standards, internal and external evangelism, and coordinating strategy and execution across multiple desktop/mobile teams.
 - * Wrote and reviewed thousands of patches to the Chromium open source repository, the core of Google Chrome and ChromeOS.
 - * Presented my team’s work at Google I/O 2019 for a worldwide developer audience.
 - * Broad expertise on privacy and security, including permissions, usable security, and privacy-by-design principles. Key security owner and approver for the organisation.
- Leader of Diversity, Equity, and Inclusion Initiatives
 - * APAC Lead for the Generation Google Scholarship Program, responsible for scholarship selection processes that support underrepresented student groups in AU/NZ.
 - * Grown a diverse engineering team (40% women and 70% minorities). Deep experience managing engineers of all backgrounds to success.

Education

- **University of Sydney** Sydney, AUS
Doctor of Philosophy (Computational Linguistics) Mar 2011 – Mar 2015
Thesis topic: Evaluating Parsers Using Dependency Constraints
Key subjects: AI, Natural Language Processing, Parsing, Algorithms
- **UC Berkeley** Berkeley, USA
Fulbright Visiting Scholar (Berkeley NLP Group) Aug 2012 – May 2013
- **University of Sydney** Sydney, AUS
B.I.T. (Honours Class I and University Medal) (WAM: 91.4) Mar 2007 - Nov 2010

Publications

- **Dominick Ng** and James R. Curran (2015). Identifying Cascading Errors using Constraints in Dependency Parsing. In *ACL*, pages 1148 – 1158. [<http://www.aclweb.org/anthology/P/P15/P15-1111.pdf>]
- Sunghwan Mac Kim, **Dominick Ng**, Mark Johnson and James R. Curran (2012). Improving Combinatory Categorical Grammar Parse Reranking with Dependency Grammar Features. In *COLING*, pages 1441 – 1458. [<http://www.aclweb.org/anthology/P/P12/P12-1052.pdf>]
- **Dominick Ng** and James R. Curran (2012). Dependency Hashing for n -best CCG Parsing. In *ACL*, pages 497 - 505. [<http://www.aclweb.org/anthology/U/U10/U10-1014.pdf>]
- **Dominick Ng**, Matthew Honnibal, and James R. Curran (2010). Reranking a wide coverage CCG parser. In *ALTW*, pages 90 - 98. [<http://www.aclweb.org/anthology/U/U10/U10-1014.pdf>]