DANIEL KIECZA

Senior Staff Software Engineer, Google

CONTACT

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SKILLS

Bootstrap product	10 years
Build teams	11 years
Management	11 years
Lead & Mentor	12 years
Distributed teams	13 years
NLP/STT/ML	15 years
SWE	20 years

German	●●●
English	●●●
French	●●○
Spanish	●○○
Korean	◑○○

EDUCATION

Master of Science in Computer Science

KIT — Karlsruhe Institute of Technology

Visiting researcher

Carnegie Mellon University

About me

💡 Build products at the edge of innovation rooted in well-articulated user needs.
👤 Craft high-momentum teams: *deliver the future with even just a team of a dozen.*
⚙ Metacognition-driven work: *think slow to build fast.*
🚀 Zero-to-one product successes:
- 🔑 Government-space OSINT turnkey system,
- ✏ Novel Google education product,
- ⚙ Niche-to-standard Google-scale shared infrastructure.

Work experience

Uber Tech Lead   Jul 2023 - present
Google Classroom, Instruction & Assessment Team | Google
UTL for a team of ~40
- Transformative, AI-powered teaching & learning features in Google Classroom.

Skills: *Lead & mentor, influence with(out) authority, innovation, AI*

Technical co-founder, TLM, Chief Architect   2018 - 2023
Google Classroom Practice Sets | Google
Technical co-founder of internal Edu moonshot project
- Served as TLM, chief architect, and champion for unpacking the vision.
- Built highly productive, cohesive, and diverse eng team of 20 SWEs.
- Led team through reorgs, pivots, pilots, and betas to establish PMF as Practice Sets.

TLM and chief architect of Practice Sets eng team
- Delivered GA launch of Google Classroom Practice Sets.
- Aided strategic shift toward transformative teaching and learning.
- 1 patent

Skills: *Bootstrap; build & motivate teams; management; innovation; product dev*

Tech Lead Manager   2010 - 2018
Google A/B testing and launch system | Google
- Generalized Google Search A/B test & launch system for use by other teams.
- Established generalized system as Google-wide standard.
- Led extension to Mobile apps and landed Google-wide system for Mobile.

Skills: *Distributed teams & systems; management; influence with(out) authority; OKRs*

Senior Scientist/Engineer   2000 - 2010
Multimedia Monitoring System | BBN Technologies
- Built Raytheon BBN M3S media monitoring business — contributed to all aspects of product and system dev.
- Operationalized NLP/ML algorithms for reliable deployment in hard-to-access locations.
- Demonstrated expertise in NLP model training including STT and text-annotation.
- Coauthored 2 papers (1, 2) and 1 book chapter (1), filed 7 patents (1 issued)

Skills: *Bootstrap; product innovation; research; NLP/STT*

Part-time Research Assistant   1995 - 1999
Interactive Systems Lab, Carnegie Mellon University & KIT
Produced MS Thesis: *Data-Driven Determination of Dictionary Units for Korean LVCSR*

Skills: *NLP/STT; ML; Research*