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Platform Engineering · Prompt Engineering · Test Automation · Natural Language Processing

1 Shane Mulligan [Cover Letter]

Dear Neuralink,

Please consider me for the role of Infrastructure Engineer.

I'm passionate about developing tooling and automating software development processes and applying programming language design to models of natural language. I am currently developing a new kind of programming language for running software on GPT-3.

In 2020 I contracted for FMG in Australia developing CI/CD infrastructure their vehicle autonomy team on AWS. I enjoyed creating productivity tools for the developers, working with GitLab CI and AWS EC2. I have returned to New Zealand since and been involved with my friend's project in realistic avatars (URL: <https://takaheai.github.io/>). I've also been through the Facebook interview process for a platform engineering job, so have completed this primer <https://github.com/donnemartin/system-design-primer>.

In 2019 I automated a pipeline to scale a platform for automating pull requests to GitHub. The pipeline scripts I made touched on everything from GCP, kubernetes, GitHub and AWS and utilised shell, go, python and common lisp.

In 2018 I studied Information Retrieval and Deep Learning at the University of Otago. I developed a GitHub search engine as my project.

From 2016 to 2017 I maintained CI infrastructure for Crown Equipment Corporation for their autonomous forklifts.

I really enjoy emacs, chatbots, NLP and lisp. I work entirely within a terminal environment I have been automating since 2011. I have 10+ years experience in the workforce as a linux-based software developer and tester. I can research, create quality documentation, design and automate experiments. Please take a look at my blog (<http://mullikine.github.io>) I am very capable and hard working.

Thank you for your consideration,

Shane Mulligan

Please take a look at the work I have done:

- TakaheAI - Ultra-realistic avatars and chatbots for the enablement of humanity.
- semiosis - Signs, Natural Language and Coding
- <http://mullikine.github.io> - Daily Blog