Neuralink is developing ultra-high bandwidth brain-machine interfaces to connect humans and computers. We are building a team of multidisciplinary experts passionate about making a world-changing impact.

**About you:**

* + You find large challenges exciting and enjoy discovering and defining problems as much as solving them.
  + You deliver. You may enjoy thoughtful conversations about problems and perfecting designs, but in the end, you know that what matters is delivering a manufacturable solution that works every time.
  + You are a cross-disciplinary team member. You are excited to work with and learn from software, mechanical, electrical, materials, biological engineers, and neuroscientists. You are comfortable communicating across teams.
  + Resourceful, flexible and adaptable; no task is too big or too small.

**Key qualifications:**

* + Bachelor's degree in engineering or equivalent practical experience.
  + Fluency in multiple major programming languages such as C++, Java or Python.
  + Experience with Linux development environment.
  + Extensive experience building backend APIs.

**Preferred qualifications:**

* + Knowledge of a range of database and message queue technologies: PostgreSQL, Redis, MongoDB, Neo4J, RabbitMQ, ZeroMQ.
  + Experience working in high frequency trading, ads optimization, or aerospace.
  + Foundation, Savioke etc.

**What we offer:**

* + An opportunity to change the world and work with some of the smartest and the most talented experts from different fields.
  + Growth Potential. We rapidly advance team members who have an outsized impact.
  + Flexible vacation policy.
  + Excellent medical, dental and vision insurance through a PPO plan.
  + Meals provided.
  + Stock options.

Resume/CV, name, email, phone, company

Links: other websites, linkedin

Portfolio/code sample or public repository

#### WORK EXAMPLE

* Please describe an example of a system that you worked on from start to finish that you are most proud of. Please include as much detail as possible (e.g., motivation, technical details, your role, challenges, duration, lessons learned).

#### ADDITIONAL INFORMATION

Add a cover letter of anything else you want to share

Portfolio grading:

1) variety – can you do many things? (object oriented programming, machine learning, etc)

2) completeness: do you complete projects?

3) functionality: does the code perform as it should?

4) does the code perform as it should well?

5) readability: is your code readable?

6) documentation/information: have a simple README

Create a website

Jforex code, matlab code to deconstruct market

Categorize your code bases

1) matlab/numpy scientific programming

UTE code, FMRI analysis code, EEG analysis code, numpy gradient and bcg artifact removal

2) application development – google play store apps, imeka code samples (opengl), 3d graphics

Forex price action, unity\_forex, imeka app,

3) trading – strategy development, and jforex implementation

Matlab optimization code, JFOREX (java) code

4) scientific posters/articles