



## Bio-Inspired Artificial Intelligence Internship

At AT&T we connect people to greater possibility with expertise, simplicity and inspiration. Our Network and Shared Platform Solutions (NSPS) organization is at the center of this purpose. Our mission is to Deliver automation, shared platform capabilities, and viable sourcing strategies to enable cost savings, quality and efficiencies. This role will influence the design and delivery of system automation capabilities across AT&T enterprise architects, engineers and managers across business units within the whole company. It will drive delivery of system automation enablers for key CTO and business initiatives 5G, RAN, 5G Core/NC, FN, SDN, Fiber, ROADM, Win Home. This includes driving towards a single source of truth network inventory platform enabled by leading industry CMDB platforms. This role will be integral in the Network Transformation initiatives driving new strategies, implementation of tooling and leading change.

### Position Summary:

We are seeking a passionate student to join our team as an intern in the area of **Bio-inspired Artificial Intelligence**. This internship will provide you the opportunity to gain hands-on experience in the design and implementation of AI models inspired by biological systems.

### Responsibilities

- Develop and implement bio-inspired AI models, focusing on tasks such as optimization problems.
- Evaluate and compare the performance of the models developed on various telecommunication use cases.
- Document your internship project in a comprehensive technical report or presentation

### Requirements

- Must be enrolled in a computer science or related field program, with a focus on bio-inspired AI and machine learning.
- Familiarity with principles of bio-inspired AI like genetic algorithms and ant colony optimization.
- Proficiency in Python and experience with AI frameworks such as DEAP, PyEvolve.
- Ability to work both independently and in a team environment, with excellent communication and collaboration skills.

**Details:** 3-month

**Start date:** ideally June 2024

**Location:** This is a hybrid-flex worker position where our preference is for you to be present with your team in the office at least 1-3 times per week.

More info on [website](#).

**Contact:** Nabhab Khatib - [nabhan.khatib@intl.att.com](mailto:nabhan.khatib@intl.att.com).