LaTeX Homework

Marcin Michnik

May 2019

1 Section1

My favourite topics in Computer Science and Linguistics:

- 1. machine learning
- 2. genetic algorithms
- 3. programming
- 4. narrow AI projects
- 5. phonology
- 6. speech synthesizers
- 7. language resources

2 Section2

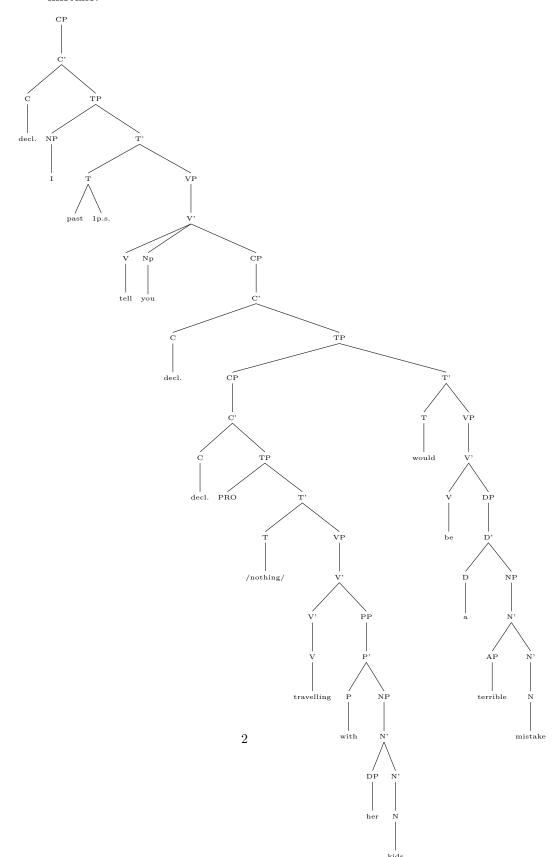
In English:

/ˈmaɪ ˈneɪm ɪz ˈmartcin ən aɪ ˈstʌdɪ ˈnætʃərəl ˈlæŋgwədʒ ˈprəʊsesiŋ ət ðə ˈju-nɪvərsıti əv ˈgdɑɲsk || bɪˈfɔː ˈðæt | aɪ əˈtendəd ˈŋglɪʃ ˈstʌdiz m kɔˈʃalin | wəː aɪ ˈhəʊnd maɪ ˈləaŋgwədʒ ˈskɪlz || m maɪ ˈspəː ˈtaɪm aɪ ˈtraɪ tə ˈləːn kəmˈpjʊtə ˈlæŋgwədzız ˈsʌtʃ æz ejtʃtiemel | sieses ænd si plʌs plʌs ||/

In Polish:

/ˈgram ˈruvɲɛʒ na giˈtaʒɛ ɛlɛkˈtrɨt͡ʃnɛj v zesˈpɔlɛ/

${\bf 3}$ Sentence - We told you travelling with kids would be a terrible mistake.



Section4

Section5

$$f(n+1, k+1) = \sum_{i=1}^{k+1} f(n, i) 2^{k+1-i} + f(n, k+1)$$

Section6 - physics package

$$\nabla^2 [\Psi +] \tfrac{\partial^n f}{\partial x^n} = \tfrac{\delta}{\delta V} (E - TS) + \delta F / \delta x$$