<!DOCTYPE resume>

<head><title>alex_pegg_resume</title></head>

<body>

```
education ( ) = {
    honorary bs | computer science and
    economics;
    university of toronto | 2016-present;
    cs gpa 3.1;
    working towards AI;
}
```

```
coursework ( ) = {
    /* computation */
    software design and engineering;
    systems programming;
    computer organisation;
    data structures and analysis;
    numerical methods;
    computer science implementation
    project;
    <br>
    /* stat/math */
    linear algebra I;
    calculus of several variables;
    probability and statistics I;
    introduction to mathematical proofs;
    calculus and linear algebra for
    commerce;
    <br>
    /* economics */
    macroeconomic theory and policy;
    microeconmic theory;
    quantitative methods in economics;
    <br>
    /* currently enrolled */
    machine learning and data mining;
    algorithm design and analysis;
    economic analysis of law;
    money, banking and financial markets;
}
```

```
skills ( ) = {
    /* languages and technologies */
      # experienced
    python • java • javascript;
      # proficient
    html/css • c • numpy • neo4j • restful
    API • LaTeX;
    /* general */
      # os
    linux • mac • windows;
      # ides
    jupyter • eclipse • vim • idle;
      # other
    runtime analysis • design principles•
    agile development • mathematical
    computation optimisation and
    conditioning • proof of correctness •
    data structures;
}
```

```
exprience ( ) = {
    /* university of toronto | teaching assistant */
          # winter 2019
        paid position at the university;
        hosted mandatory tutorials for the first year computer
        science course;
        demonstrated strong understanding of python coding and
        diagnostics;
        create solutions manuals and mark midterms/final exams;
        host office hours and invigilate tests;
    <br>
    /* project include | teaching assistant */
          # summer 2018
        volunteering student initiative amongst team of 16;
        helped coordinate and carry out a coding bootcamp for at-
        risk secondary students across mississauga;
        teaching basic python at different libraries and schools
        for 4 weeks;
        prelimiary marketing and organisation 8 weeks prior;
    <br>
    /* university of toronto | special project */
          # early 2019-present
        volunteering project in conjunction with a professor;
        creating a indifference curve analysis (microeconomics)
        graphing software;
        full stack with HTML/javascript frontend, python backend
        (connected with jquery and flask python server);
        created an initial prototype alone over christmas,
        economics department head requested it on UofT economics
        homepage;
        pursuing optimisation and further development with a
        computer science professor;
        current URI: 142.1.44.135:5000 (may be ip restricted);
    <br>
    /* independent | mini projects */
          # present
        small independent projects and compsci+art on website;
        further java and python experiments on github repository;
        links are by the icons at the top of page;
}
```

```
links ( ) = {
    /* email */
    <a href=mailto:alex.pegg@mail.utoronto.ca></a>
    /* website */
    <a href=peggalex.github.io target="_blank"></a>
    /* github */
    <a href=github.com/peggalex target="_blank"></a>
    /* linkedIn */
    <a href=linkedin.com/in/alexander-pegg-68b954163 target="_blank"></a>
}
```

</body>

</resume>