

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

<body>

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

```
<div id='coursework'>
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;
  microeconomic 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;
}
</div>
```

```
<div id='skills'>
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;
}
</div>
```

</body>

</resume>

```
<div id='experience'>
expreience ()={
  /* 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;
}
</div>
```

```
<div id='links'>
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>
}
</div>
```