

The `karencv` class*

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Abstract

Put text here.

1 Introduction

Put text here.

2 Usage

`\YOURMACRO` Put description of `\YOURMACRO` here.
`YOURENV` Put description of `YOURENV` here.

3 Implementation

Initial settings, including loading packages.

```
1 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
2 \ProcessOptions\relax
3 \LoadClass{article}
4
5 \PassOptionsToPackage{paper=a4paper, left=1in, right=1in, top=1in, bottom=1in}{geometry}
6 \PassOptionsToPackage{shortlabels}{enumitem}
7
8
9 \RequirePackage{times}
10 \RequirePackage{calc}
11 \RequirePackage{fancyhdr}
12 \RequirePackage{color}
13 \RequirePackage{hyperref}
14 \RequirePackage{graphicx}
15 \RequirePackage{geometry}
```

*This document corresponds to `karencv` v, dated 2018/03/09.

```

16 \RequirePackage{enumitem}
17 \RequirePackage{titlesec}
18 \RequirePackage{url}%

```

Set width of headrule to be full page and create the pagestyle with page number, and set the section heading style.

```

19 \fancyhf{}\renewcommand{\headrulewidth}{0pt}
20 \setlength{\parindent}{0in}
21
22 \pagestyle{fancy}
23 \rhead{\thepage}
24
25 \titleformat{name=\section}[hang]
26   {\normalsize \bfseries \scshape}
27   {}
28   {0em}
29   {\hspace{-0.4pt}\normalsize}

```

Link colors and settings.

```

30 \definecolor{darkblue}{rgb}{0.0,0.0,0.3}
31 \hypersetup{colorlinks,breaklinks,
32             linkcolor=darkblue,urlcolor=darkblue,
33             anchorcolor=darkblue,citecolor=darkblue}
34 \urlstyle{same}
35 \providecommand*\emailink[1]{\nolinkurl{#1}}
36 \providecommand*\email[1]{\href{mailto:#1}{\emailink{#1}}}

```

The \makecol macro which can be used for adding entries.

\makecol

```

37 \newlength{\lengtha}
38 \newlength{\lengthb}
39 \newcommand{\makecol}[3][0.07]{
40   \setlength{\lengtha}{#1\textwidth}
41   \setlength{\lengthb}{\textwidth}
42   \begin{minipage}[t]{\lengtha}
43     #2
44   \end{minipage}
45   \begin{minipage}[t]{\lengthb-\lengtha}
46     #3
47   \end{minipage}}

```

Some useful commands for forcing indentation as well as spacing.

```

\forceindent
\blankline 48 \newcommand{\blankline}{\quad\pagebreak[3]}
\halfblankline 49 \newcommand{\halfblankline}{\quad\vspace{-0.5\baselineskip}\pagebreak[3]}
50 \newcommand{\forceindent}{\leavevmode{\parindent=1em\indent}}

```

Macro for creating the CV header. When used, it also removes the page number from the first page.

`\halfblankline`

```
51 \newcommand{\cvheader}[2]{%
52 \thispagestyle{empty}%
53 \lhead{#1}%
54 \begin{minipage}[t]{\textwidth}{
55     \centering
56     {\Large \bfseries #1}\\
57     #2\\[-0.15\baselineskip]%
58     \rule{\columnwidth}{1pt}}
59 \end{minipage}
60 }
```

Two special `itemize` list types which are used.

`articlelist`

`reflist`

```
61 \newlist{articlelist}{itemize}{3}
62 \setlist[articlelist]{label={},itemindent=-2em,leftmargin=2em,itemsep=-0.2em}
63 \newlist{reflist}{itemize}{3}
64 \setlist[reflist]{label={},leftmargin=0em}
```