

The **tucv** package*

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1 Introduction

This style provides commands for typesetting a CV or resume. Its current form is based upon the shaded resume style originally by Matthew Boedicker and updated by David Grant, Todd Miller, and George Louthan. It has been modified to provide the tools to produce the style of resume used by the University of Tulsa's Institute for Information Security and Cyber Corps program, which is the work, among others, of Christopher Swenson and Alexander Barclay. This style is licensed under the Creative Commons Attribution-Noncommercial-Share Alike 2.5 License.

This style is designed to produce a somewhat long and quite detailed document. It may be suitable to typeset a shorter resume, as well, but that is not necessarily the goal.

Although this style expects a page with quite narrow margins (narrower even than you are likely to see with the **fullpage** package), it does not by default adjust the margins or do any other page setup activities. However, when passed the **pagesetup** option (as in `\usepackage[pagesetup]{tucv}`), it sets up known-compatible margins.

2 Usage

pagesetup Note: The **tucv** package is designed to be used in a document of **article** class. It is suggested that you import it with the **pagesetup** option in order to avoid having to set up your own margins.

A **tucv** resume will likely have three levels of content: resume headings (e.g. "Employment," "Education," etc.), resume entries (e.g. schools, employers, etc. which are meant to be part of itemized lists under headings), and resume subentries (e.g. degrees from schools, jobs at particular employers, etc., which are indented by default 10pt from the level of entries).

*This document corresponds to **tucv** v1.0, dated 2010/11/11.

There are two types of commands provided by this package: raw and high level. Raw commands are mainly intended to be internal to the package and are unlikely to be particularly useful by themselves in a document. These have names like `\resentry` and `\ressubentry`. High level commands are the ones that are likely to be most useful in typesetting a resume and include `\resschool` and `\resjob`.

2.1 Raw commands

<code>\resentry</code>	Raw (internal) two-column resume entries are provided by <code>\resentry</code> . It is unlikely that this will be of much use directly very often. Instead, it is used internally by other commands provided by this package. It may also be indented by an optional width. Usage: <code>\resentry [<i>indent</i>] {<i>lefttext</i>} {<i>righttext</i>}</code>
<code>\ressubentry</code>	Indented two-column resume subentries are provided by <code>\ressubentry</code> ; this is just a <code>\resentry</code> with a 10pt indentation specified. Usage: <code>\ressubentry {<i>lefttext</i>} {<i>righttext</i>}</code> . Same as <code>\resentry{10pt}{<i>lefttext</i>}{<i>righttext</i>}</code> .
<code>\resentrysinglecol</code>	Single-column resume entries are provided by <code>\resentrysinglecol</code> with optional indentation. The text will fill the same area occupied by both columns of the two-column entries. Usage: <code>\resentrysinglecol [<i>indent</i>] {<i>text</i>}</code>
<code>\ressubentrysinglecol</code>	Indented one-column resume entries are provided by <code>\ressubentrysinglecol</code> . Usage: <code>\ressubentrysinglecol {<i>text</i>}</code> . Same as <code>\resentrysinglecol{10pt}{<i>text</i>}</code> .

2.2 High level commands

<code>\resheading</code>	Place top-level section headings with the <code>\resheading</code> command. This will place the heading inside a shaded box. Usage: <code>\resheading {<i>heading</i>}</code> .
<code>\resschool</code>	<code>\resschool</code> provides an entry for a school, with a name, location, and optional description. Usage: <code>\resschool [<i>description</i>] {<i>name</i>} {<i>location</i>}</code> . This describes only the school itself; a subentry called <code>\resdegree</code> is provided to place immediately following <code>\resschool</code> entries in order to specify the degrees issued by that school (and their dates).
<code>\resdegree</code>	<code>\resdegree</code> provides an entry for a degree or other issuance from a school, with a degree, major, date, and optional description. Intended to be a subentry beneath a school. Usage: <code>\resdegree [<i>description</i>] {<i>degree</i>}</code>
<code>\remployer</code>	<code>\remployer</code> provides an entry for an employer. This entry is very similar to the school entry; it is different mainly for semantic reasons and to allow easier customization. Usage: <code>\remployer [<i>description</i>] {<i>name</i>}</code>
<code>\resjob</code>	<code>\resjob</code> provides an entry for a job. This works similarly to the school/degree set of entries and is intended to be a subentry of an employer field. Provides title, start date, end date, and description fields. Usage: <code>\resjob [<i>description</i>] {<i>title</i>} {<i>startdate</i>} {<i>enddate</i>}</code> .
<code>\resconference</code>	<code>\resconference</code> provides an entry for denoting conference participation, with name and role fields. An optional description argument is accepted by not currently typeset. Usage: <code>\resconference [<i>description</i>] {<i>name</i>} {<i>role</i>}</code>
<code>\ressubconference</code>	<code>\ressubconference</code> provides an entry for denoting “subconference” partici-

pation, with name and role fields. An optional description argument is accepted by not currently typeset. Usage: `\ressubconference` [*<description>*] {*<name>*} {*<role>*} This is intended to denote workshops, tutorials, special topics symposia, sessions, etc.

`\resdesc` `\resdesc` provides an item/description pair, somewhat similar in appearance to `\item`s in L^AT_EX's `\description` environment, though `\resdesc` is not a drop-in replacement for `\item` because it does not use `\item` in its implementation. Usage: `\resdesc` {*<item>*} {*<description>*}.

`\resbib` `\resbib` provides a bibliography entry. Currently identical to `\resdesc` in behavior, but separate because of the semantic difference and the possibility of altering its appearance in the future. Usage: `\resbib` {*<title>*}

3 Example

```
\documentclass[letterpaper,11pt]{article}
\usepackage[pagesetup]{tucv}
\fancyfoot[C]{Name \thepage}
\begin{document}

% Page heading and name/contact info table
\begin{tabular*}{7in}{l@{\extracolsep{\fill}}r}
\textbf{\Large Sample Resume - tucv class} & Phone number\\
Address & Email address \\
Address 2 & URL \\
\end{tabular*}

% Resume section heading
\resheading{Objective}
\begin{itemize}
% This is the freest form resume entry available. It's basically just text.
\item[] \resentrysinglecol{I want to do stuff.}
\end{itemize}

\resheading{Education}
\begin{itemize}
\item[]
% The school entry provides name and location fields
\resschool{School Name}{Location}
% The degree entry is indented one level and provides a degree, major, date and
% optional notes field.
\resdegree[Notes]{Degree}{Major}{Date}
\resdegree{Degree}{Major}{Date}
\item[]
% The school entry with the notes field:
\resschool[Notes about school]{School Name}{Location}
% This is a two-column entry, indented one level and providing a text field and
% date field.
\ressubentry{Certificate, etc.}{Date}
```

```

\end{itemize}
\resheading{Academics}
\begin{itemize}
% This provides a top-level bold item and a description field.
\item[] \resdesc{Instructor}{Course 1, Course 2}
\item[] \resdesc{Teaching Assistant}{Course 1}
\item[] \resdesc{Referee}{Journal 1, Conference 1}
\item[] \resdesc{Information Assurance Coursework}{Course 1, Course 2}
\end{itemize}

\resheading{Employment History}
\begin{itemize}
\item[]
% Top-level entry for an employer, providing employer, location, and description
% fields:
\remployer[Brief description of employer]{Employer name}{Location}
% Indented entry for a job, providing title, start date, end date, and
% description fields:
\resjob[Description of job]{Job title}{Start}{End}
\end{itemize}

% This is a section for conferences.
\resheading{Conferences}
\begin{itemize}
% Major conference entry: provides name and role fields
\item[] \resconference{Major conference name}{Role (dates)}
% Subconference entry (e.g. workshop, session, etc.): provides name and role
% fields.
\ressubconference{Workshop or session name}
{Role (dates)}
\end{itemize}

% This is a section for publications
% In a future version, BiBTeX integration is probably a desired feature, but
% for now there is just a text entry type called resbib.
\footnotetext[1]{Denotes a peer-reviewed publication}
\resheading{Publications and Presentations}
\begin{itemize}
% This item provides article title (bolded) and rest-of-citation fields.
\item[] \resbib{‘Article title’\footnotemark[1]}{Paper at Conference, Year.
Authors.}
\end{itemize}
\end{document}

```

4 Implementation

Require dependencies, adjust margins, set up header/footer.

```

1 \RequirePackage{array}
2 \RequirePackage{color}
3 \RequirePackage{calc}
4 \RequirePackage{fancyhdr}
5 \RequirePackage{xparse}
6 \DeclareOption{pagesetup}{
7   \renewcommand{\headrulewidth}{0pt}
8   \setlength{\voffset}{0.1in}
9   \setlength{\headheight}{0in}
10  \setlength{\headsep}{0in}
11  \setlength{\textheight}{11in}
12  \setlength{\textheight}{9.5in}
13  \setlength{\topmargin}{-0.25in}
14  \setlength{\textwidth}{7in}
15  \setlength{\oddsidemargin}{-0.25in}
16  \setlength{\evensidemargin}{-0.25in}
17  \setlength{\tabcolsep}{0in}
18  \raggedbottom
19  \raggedright
20  \pagestyle{fancy}
21  \fancyhead{}
22  \fancyfoot{}
23 }
24 \ProcessOptions

tucvheading Set the default color of the \resheading shaded backgrounds. Overwrite in your
documents in order to adjust the color.
25 \definecolor{tucvheading}{gray}{0.85}

\resheading Resume heading. Heading inside a shaded box. Usage: \resheading {\<heading>}
26 \NewDocumentCommand\resheading{m}{\large \colorbox{tucvheading}{\begin{minipage}
27   {\textwidth-6.0pt}{\textbf{\#1 \vphantom{p\^{}{E}}}}\end{minipage}}}}

\resentry Raw (internal) two-column resume entry. It is unlikely that this will be of much
use directly very often. Instead, it is used internally by other commands provided
by this package. It may also be indented by an optional width. Usage: \resentry
[{\<indent>}] {\<lefttext>} {\<righttext>}
28 \NewDocumentCommand\resentry{0{0pt}mm}{
29   \begin{tabular*}{0.9\textwidth}[t]{@{\hspace{\#1}}
30     p{5.0in-\#1}@{\extracolsep{\fill}}p{0.75in}}
31     \raggedright #2 & #3
32     \tabularnewline
33   \end{tabular*}
34 }

\ressubentry Raw (internal) indented two-column resume subentry; this is just a \resentry
with a 10pt indentation specified. Usage: \ressubentry {\<lefttext>} {\<righttext>}.
This is equivalent to \resentry{10pt}{\<lefttext>}{\<righttext>}.
35 \NewDocumentCommand\ressubentry{mm}{

```

```

36   \resentry[10pt]{
37       \setlength{\parskip}{1ex plus 0.5ex minus 0.2ex}
38       #1}{#2}
39 }

```

\resentrysinglecol Raw (internal) single-column resume entry with optional indentation. The text will fill the same area occupied by both columns of the two-column entries. Usage: **\resentrysinglecol** [*indent*] {*text*}

```

40 \NewDocumentCommand\resentrysinglecol{0{0pt}m}{
41     \begin{tabular*}{0.9\textwidth}[t]{@{\hspace{#1}}p{0.9\textwidth-#1}}
42         #2
43     \tabularnewline
44     \end{tabular*}
45 }

```

\ressubentrysinglecol Raw (internal) indented one-column resume entry. This is just **\resentrysinglecol** with a fixed 10pt indentation. Usage: **\ressubentrysinglecol** {*text*}. Equivalent to **\resentrysinglecol**{10pt}{*text*}.

```

46 \NewDocumentCommand\ressubentrysinglecol{m}{
47     \resentrysinglecol[10pt]{
48         \setlength{\parskip}{1ex plus 0.5ex minus 0.2ex}
49         #1}
50 }

```

\resschool Provides an entry for a school, with a name, location, and optional description. Usage: **\resschool** [*description*] {*name*} {*location*}.

```

51 \NewDocumentCommand\resschool{omm}{
52     \resentry{\textbf{#2}
53     \IfNoValueTF{#1}
54     {}
55     {\newline \textit{#1}}
56     }{#3}
57 }

```

\resdegree Provides an entry for a degree or other issuance from a school, with a degree, major, date, and optional description. Intended to be a subentry beneath a school. Usage: **\resdegree** [*description*] {*degree*} {*major*} {*date*}.

```

58 \NewDocumentCommand\resdegree{ommm}{
59     \ressubentry{#2 in #3
60     \IfNoValueTF{#1}
61     {}
62     {\newline \textit{#1}}
63     }{#4}
64     %\ressubentry{#2 in #3}{#4}
65 }

```

\remployer Provides an entry for an employer. This entry is very similar to the school entry; it is different mainly for semantic reasons and to allow easier customization. Usage: **\remployer** [*description*] {*name*} {*location*}.

```

66 \NewDocumentCommand\remployer{omm}{
67   \resentry{\textbf{#2}}
68   \IfNoValueTF{#1}
69   {}
70   {\newline #1}
71   }{#3}
72 }

```

\resjob Provides an entry for a job. This works similarly to the school/degree set of entries and is intended to be a subentry of an employer field. Provides title, start date, end date, and description fields. Usage: `\resjob [<description>] {\i<title>} {\i<startdate>} {\i<enddate>}`.

```

73 \NewDocumentCommand\resjob{ommm}{
74   \resentry[10pt]{
75     \setlength{\parskip}{1ex plus 0.5ex minus 0.2ex} \textbf{#2}
76     \IfNoValueTF{#1}
77     {}
78     {\newline #1}
79     }{#3 -- \newline #4}
80 }

```

\resconference Provides an entry for denoting conference participation, with name and role fields. An optional description argument is accepted by not currently typeset. Usage: `\resconference [<description>] {\i<name>} {\i<role>}`

```

81 \NewDocumentCommand\resconference{omm}{
82   \resentrysinglecol{\raggedright \textbf{#2} #3}
83 }

```

\ressubconference Provides an entry for denoting “subconference” participation, with name and role fields. An optional description argument is accepted by not currently typeset. Usage: `\ressubconference [<description>] {\i<name>} {\i<role>}` This is intended to denote workshops, tutorials, special topics symposia, sessions, etc.

```

84 \NewDocumentCommand\ressubconference{omm}{
85   \resentrysinglecol[10pt]{\textbf{#2} #3}
86 }

```

\resdesc Provides an item/description pair, somewhat similar in appearance to `\items` in L^AT_EX’s `\description` environment, though `\resdesc` is not a drop-in replacement for `\item` because it does not use `\item` in its implementation. Usage: `\resdesc {\i<item>} {\i<description>}`.

```

87 \NewDocumentCommand\resdesc{mm}{
88   \resentrysinglecol{\raggedright \textbf{#1} #2}
89 }

```

\resbib Provides a bibliography entry. Currently identical to `\resdesc` in behavior, but separate because of the semantic difference and the possibility of altering its appearance in the future. Usage: `\resbib {\i<title>} {\i<citation_remainder>}`.

```

90 \NewDocumentCommand\resbib{mm}{

```

```
91 \resentrysinglecol{\raggedright \textbf{#1} #2}  
92 }
```