

Mauri Mustonen

mauri_mustonen@hotmail.com • <https://github.com/kazhuu> • <https://mauri.codes>

EDUCATION

- Tampere University of Technology**, Tampere, Finland May 2016 – Dec 2018
- M.Sc. in Software Engineering with Distinction
 - Cumulative GPA: 4.52 / 5.0
- Karelia University of Applied Sciences**, Joensuu, Finland May 2012 – May 2016
- Information Engineer in Software
 - Cumulative GPA: 4.50 / 5.00
- Vocational School Avartum Oy**, Joensuu, Finland May 2010 – May 2019
- Vocational Qualification in Business and Administration
- Vocational School Peltola**, Joensuu, Finland May 2004 – May 2007
- Electronics Technician

EXPERIENCE

- Wapice Ltd**, Tampere, Finland 2019 – Present
- Embedded Software Developer
 - Embedded development with C and C++ up to C++17
 - Real time OS, ARMv7 architecture and driver development for custom hardware blocks.
- Alsus Ltd**, Tampere, Finland 2017 – 2019
- Full Stack Web Developer
 - Web development (e.g. Ruby on Rails, AngularJS)
 - Distributed system architect and developer (e.g. Linux, C, Ruby, CMake, AMQP, Redis)
 - Writing Ruby native extensions to C language
 - Contributing to open source (e.g. Ruby on Rails, libIEC6850)
- Arestech Ltd**, Joensuu, Finland 2016 – Present
- Entrepreneur and Shareholder
 - Responsible for customer relationships and meetings in Pirkanmaa region
 - Embedded software design and developer (e.g. AVR, Linux, C/C++, Python)
 - Working as a software consultant
- Asmeco**, Joensuu, Finland 2015 – 2017
- Entrepreneur and Owner
 - Production management software for Puupietari Oy done with Django/Python and AngularJS with integration to Lemonsoft ERP
 - Embedded development using Python and C/C++ (e.g. AVR, Arduino, Raspberry Pi)
 - Maintenance and development of Kirpputorivaraaus software for flea market management (e.g. Knockout, JQuery, PHP)
 - Kirpputorivaraaus integration to Tehden Oy cloud based point of sale

OTHER WORK EXPERIENCE

- Alpha Engineering Firm**, Oakland, Ohio, USA Oct 2007 – Jan 2008
- Project Officer, Department of Meteorological Sciences, Research & Development Division
 - Nullam venenatis egestas nisl eget elementum.
 - Nulla finibus justo vel turpis efficitur, non lacinia orci maximus. Proin rhoncus, felis vel hendrerit lacinia, enim ipsum ultricies massa, sit amet interdum nisi massa sit amet justo.
 - Etiam vitae eros mollis, consectetur quam quis, molestie massa.

LANGUAGES

- English: Native language.
- Spanish: Fluent (speaking, reading, writing).
- Latin: Intermediate (reading); basic (speaking, writing).

THIS IS A
SECTION
WITH
USAGE NOTES

THIS IS A SUBSECTION

- Use `\Section{a}{b}{c}` and `\SubSection{a}{b}{c}` to create sections and subsections, where **a** is the heading displayed on the page, **b** is the PDF bookmark heading, and **c** is the internal PDF link (must be unique). Sections and subsections will appear in the PDF bookmarks. Note the CamelCase command names.
- Use `\Entry`, `\BulletItem`, `\SubBulletItem`, `\SubSubBulletItem`, `\Item`, `\SubItem`, `\SubSubItem`, `\NumberedItem`, etc., to create entries in the main body of the CV.
- Enclose entry details between `\begin{Detail}` and `\end{Detail}` so that they are typeset in a smaller font. This is an example of entry detail text enclosed in a **Detail** environment.
- Use `\Gap` and `\BigGap` to insert vertical spaces between entries to improve layout.

THIS IS ANOTHER SUBSECTION

This is a plain `\Entry`, followed by an `\hfill` and a date range

Oct 2015 – Dec 2015

- This is a `\BulletItem`.
This is an `\Item`, which has no bullet. Note the alignment with the `\BulletItem` above.
 - This is a `\SubBulletItem`.
This is a `\SubItem`, which has no bullet. Note the alignment with the `\SubBulletItem` above.
 - This is a `\SubSubBulletItem`.
This is a `\SubSubItem`, which has no bullet. Note the alignment with the `\SubSubBulletItem` above.
- [42] This is a `\NumberedItem`. Change the value of the macro `\MaxNumberedItem` to adjust the indentation width.

LINE, PARAGRAPH, AND PAGE BREAKS

- To create a new line within the same paragraph (i.e., preserving the same paragraph indentation), use `\newline` instead of `\;`; the latter will reset the paragraph indentation.
- To create a new paragraph, use `\par` or simply leave an empty line. Paragraph indentations (from `\Entry`, `\BulletItem`, `\SubBulletItem`, `\SubSubBulletItem`, `\Item`, `\SubItem`, `\SubSubItem`, `\NumberedItem`, etc.) do not carry across different paragraphs.
- To create a new page, use `\newpage`.

DATES

- Use the following macros to specify and display dates consistently:
 - `\DatestampYMD{yyyy}{MM}{dd}` (e.g., `\DatestampYMD{2008}{01}{15}`)
 - `\DatestampYM{yyyy}{MM}` (e.g., `\DatestampYM{2008}{01}`)
 - `\DatestampY{yyyy}` (e.g., `\DatestampY{2008}`)
- Change the date format option passed to the document class to adjust how dates are displayed throughout the document:
 - `MMMyyyy` (“Jan 2008”)
 - `ddMMMyyyy` (“15 Jan 2008”)
 - `MMMMyyyy` (“January 2008”)
 - `ddMMMMyyyy` (“15 January 2008”)
 - `yyyyMMdd` (“2008-01-15”)
 - `yyyyMM` (“2008-01”)
 - `yyyy` (“2008”)