

PERSONAL INFORMATION	I was born in May 26th, 1988, in Banská Bystrica, Slovakia, and grew up in Napajedla, Czech Republic. Since 2007 I live, study and work in Prague. Both my work and hobby is to solve problems by thinking, electronics, programming and everything around.	
CONTACT	Mobile phone: +420 736 452 265 E-mail: roman@romanpavelka.cz Web: romanpavelka.cz Github: ChaoticRoman	
EDUCATION	Master programme Engineering informatics Terminated without degree Faculty of Nuclear Sciences and Physical Engineering Czech Technical University in Prague	2011 - 2014
	Bachelor degree in Engineering informatics Faculty of Nuclear Sciences and Physical Engineering Czech Technical University in Prague Thesis: <i>Design and Construction of Fluxgate Magnetometer for Space Research</i>	2007 - 2011
	Gymnázium Zlín, Lesní čtvrť	2003 - 2007
EMPLOYMENT	Freelance hardware, firmware and software developer <i>Application design, embedded development in C for 8-bit AVR, SW development in Python</i>	2014 - present
	Technician Duties: <i>Embedded SW development, testing and verification for Lunar Plasma Monitor</i> Astronomical Institute Academy of Sciences of the Czech Republic	2010 - 2014
	Mathematician Duties: <i>development and maintenance of scientific data archive for instrument DSLP on PROBA2</i> Institute of Atmospheric Physics Academy of Sciences of the Czech Republic	2011 - 2014
SKILLS	Computer Programming languages: Python 2.7, C (ANSI C, C99), C++11, Bash GNU/Linux: advanced user, basic administration Networking: TCP/IP, SSH, SCP, rsync, nmap, VPS deployment, CMS administration Version control systems: Git, Subversion	
	Electronics Analog electronics: linear and switching power supplies, measurement circuits Digital electronics: Atmel AVR 8-bit microcontrollers, Raspberry Pi, basic digital circuits Interfacing: ADCs, DACs, user interface devices, RS-232, SPI, 1-wire Other: circuit design in KiCad, single and double-side PCBs manufacturing, soldering	
	The European Cooperation for Space Standardization (ECSS): Engineering standards: System Engineering, Technical Requirements Specification, Verification, Testing	
	Languages Native: Czech Fluent: English Elementary: German, Spanish	
STUDY INTERESTS	system engineering, artificial intelligence, statistics, negative feedback stabilization	
PERSONAL INTERESTS	open source hardware and software, teaching, single and double firestaff, djembe, darbuka	