$ whoami

Kevin_Mittman

github – @mittman, @oshazard, @justbrowsing

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EDUCATION

Bachelor of Science in Computer Science
· California State University, Fullerton   Graduated May 2016 – GPA 3.05

COURSEWORK

· Data Structures   · Software Engineering   · Open Source Software   · Algorithms   · Network Security   · Web App Design

TECHNICAL SKILLS

10+ years of GNU/Linux experience
· Source packaging, Makefiles, porting and maintenance

Command-line and scripting proficiency
· awk, grep, sed, busybox, git, nano, ssh, apt-get, yum

Writing Documentation
· manpages, UML, Javadoc, LaTeX, markdown, wiki

Development Tools
· Android Studio, Bats, Eclipse, GCC/G++, Scratchbox

Programming Languages
· BASH, Python, Java, C++, JavaScript, R, C, Racket

Full-stack Web: Back-end and Front-end
· Node.JS, Socket.io, CSS/HTML, Bootstrap, jQuery, XML

Database and Graphics
· MongoDB, Redis, MySQL, JSON, GIMP, ImageMagick

Containers and Deployment
· chroot, nspawn, qemu, Virtualbox, Cloud Foundry, Heroku

EXPERIENCE

apacman – *Lead Maintainer* `downloads 11,000`   2013 - 2016
· Package manager for ArchLinux User Repository (AUR)
· Took over reins of popular BASH-based project
· Created a config file, many new features, more CLI flags
· Added Bats unit tests and wrote manpage docs
  https://aur.archlinux.org/packages/apacman

JustBrowsing – *Project Manager* `downloads 82,000`   2013 - 2015
· ChromeOS-like kiosk Linux LiveCD for web browsing
· Wrote settings control panel with config persistence
· Modded lock screen for webcam-based intrusion detection
· Wrote calculator, timers webapps & pygtk keyboard applet
  http://justbrowsing.info   https://github.com/justbrowsng

PrinterPi – *Project Manager* `freelance`   Q3 2012
· Fulfilled client request for iPhone printing to USB printer
· Raspberry Pi as CUPS bridge and hostapd WiFi hotspot
· QEMU user mode to run x86 binary drivers on ARM SoC

webGPS – *Developer* `just for fun`   Mid 2011
· Parse GPS coordinates from Palm webOS phone via USB
· Client-server model with PHP shim to interface with gpsd
· Purpose: to map wireless APs combined with kismet logs

PROJECTS

GuessWhat – *Core Developer* `commits 84`   Spring 2016
· Online Node.JS real-time multiplayer Pictionary game
· Wrote socket.io IM chat with jQuery & Bootstrap theme
· Interfaced JSON API to fetch words, stored in Redis DB
  http://guess-what.cfapps.io

TimeMe – *Lead Developer* `commits 128`   Spring 2012
· Task tracking application written in Java SWT
· Developed with Eclipse IDE, git, SRS and UML diagrams
· Data saved to TSV text-file for import into Excel or charts
  http://code.google.com/a/eclipselabs.org/p/timeme

pyCheckmate – *Developer* `commits 27`   Fall 2015
· Python chess end-game AI, 5-ply minimax α–β pruning
· Wrote user interaction and QA test prep for tournament
  https://mittman.github.io/pycheckmate

project254 – *Lead Developer* `commits 20`   Spring 2015
· C++ reverse-engineered log parser
· Wrote human-readable stats from "blackbox" log dump
· Handled challenge of reprimanding plagiarizing teammate

LEADERSHIP & PRESENTATIONS

Linux User Group – *Founder, President*   2014 – 2016
· Organized events and workshops for CSUF students
  https://linuxcsuf.github.io

Why Linux? Cool Linux Tricks & CLI-Fu   2015
· Presented workshop for over 40 students and Professors
  http://linuxcsuf.pw/linux-slides.pdf

CERTIFICATIONS & REPUTATION

Applied CS with Android by Google   2016
· Participated in 5-day hands-on technical workshop

StackOverflow `reputation 2,400 pts` `superuser` `top 7%`   2013
· *https://superuser.com/users/243553*