

Peter A. Gordon

· SOFTWARE DEVELOPER ·

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Summary

Technology enthusiast and recent university graduate (Computer Science & Mathematics). Passionate about building and debugging great software. Seeking entry- or junior-level Software Developer/Software Engineer position, especially one which could benefit from strong backgrounds in mathematics and creative problem-solving techniques.

Education

California State University, Fullerton

Fullerton, CA

B.S. COMPUTER SCIENCE

May 2017

- *Significant Courses:* Algorithm Engineering, Artificial Intelligence, Computer Architecture & Assembly, Compiler Construction, Cryptography & Data Security, Filesystems & Databases, Networking & Communications, Operating Systems, Software Engineering I, Software Testing, Unix & Open-Source Systems

B.A. MATHEMATICS

- *Concentration:* Pure Mathematics
- *Significant Courses:* Abstract Algebra, Differential Geometry, Linear Algebra, Mathematical Modeling, Numerical Analysis, Number Theory, Topology

Skills

Programming	Proficient: Bash, C/C++, Java, PHP, Python Familiar: C#, JavaScript, Lisp, MATLAB, R, SQL
Systems	Android, FreeBSD, Linux, Windows
Databases	MySQL, SQLite
Versioning	CVS, Git, Subversion
Languages	English (Fluent), Japanese (Basic), Spanish (Fluent)

Work Experience

VM Services

Anaheim, CA

ASSEMBLER / MATERIALS HANDLER / SHIPPING CLERK / TEST TECHNICIAN

June 2011 – Present

- Pack-out and processing of high-volume international and domestic shipments of PCBs.
- Visited customer in Baltimore, MD (twice) to assist in on-site repairs and testing of tablets.
- Other duties include PCB testing, and inventory maintenance using internal Oracle-based and SAP systems.

SOFTWARE DEVELOPER INTERN

June 2009 – January 2010

- Replaced aging application server with CentOS 5 system
- Installed and configured full LAMP stack for osTicket.
- Augmented osTicket with company branding; and added support for file attachments, automatic email notifications, and tracking of deleted tickets.

Irvine Sensors Corporation

Costa Mesa, CA

INVENTORY CONTROL CLERK

October 2005 – July 2007

- Developed database software with Microsoft Access for managing Process Lab inventory.
- Organized and catalogued parts into new stockroom. Managed stockroom; maintained accurate transaction records of all materials.

Major Coursework Projects

Mathematical Modeling Semester Project • Python & L^AT_EX

CSU Fullerton

LEAD PROGRAMMER & REPORTER

MATH 370 • Fall 2014

- Devised, implemented, and compared algorithms to calculate the approximate minimum rectilinear Steiner tree of a connected weighted graph by (1) applying Prim's MST algorithm to a reduced Hanan grid; and (2) modifying Prim's algorithm to add Steiner points on-demand.
- Created presentation and documented full write-up of the project, including problem statement and our results with analysis.

Software Engineering I Semester Project • Python

CSU Fullerton

TESTER & DEMO PRESENTER

CPSC 362 • Spring 2014

- Created use cases, tested, and wrote bug reports for the project ("Task Commander").
- Created final presentation and demonstrated project with oral report to class.

Networking & Communications Final Project • Python

CSU Fullerton

SOLE DEVELOPER

CPSC 471 • Spring 2014

- Designed and documented an FTP-like protocol with out-of-band data transmission.
- Created the reference client and multiprocessing server implementations for this protocol.

Extracurricular & Volunteer Experience

The Fedora Project

<https://fedoraproject.org/>

PACKAGE MAINTAINER

September 2006 – Present

- Create and maintain Fedora RPM packages for several desktop software and libraries including Gourmet, gLabels, and others.
- Former primary maintainer for other packages including Scribes, GNOME Music Applet, Nemiver, and others.
- Responsible for keeping Fedora's packages of these software updated and helping resolve any bugs with their upstream developers.

Developer Shed Forums

<https://forums.devshed.com/>

MODERATOR

April 2004 – Present

- Collaborating with diverse team of worldwide administrators and other moderators to help lead a variety of technical discussion in its many forums and assist in its day-to-day upkeep.

CSUF Titan Men's Chorus

CSU Fullerton

TENOR II

Spring 2010 – Spring 2017

- Performed a wide variety of vocal repertoire at concerts, festivals, and tours.

Google's Applied CS With Android Workshop

CSU Fullerton

STUDENT DEVELOPER

Spring 2016

- Created several basic Android apps using tries, trees, priority queues, and other data structures to implement the Ghost word-guessing game and Pig dice-rolling game (each with an AI opponent) and a slider puzzle with heuristic solver.

CSUF College of Engineering & Computer Science

CSU Fullerton

STUDENT AMBASSADOR

March 2010 & March 2012 & March 2016

- Worked with other students and faculty to help coordinate the "Professor For A Day" (2010, 2012) and "Welcome to CSUF Day" (2016) events.

Gentoo Linux Forums

<https://forums.gentoo.org>

GLOBAL MODERATOR

December 2005 – October 2007

- Assisted other Gentoo users and developers with installing, tweaking, and working with Gentoo Linux systems.
- Worked with other moderators and administrators to ensure smooth day-to-day operations (by enforcing good behavior guidelines, quickly removing spam, etc.) in addition to helping promote regular community discussions on a wide variety of topics.