Karthik Vemulapalli

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EDUCATION

University of California, Los Angeles   Expected Graduation: June 2016
Bachelor of Science, Computer Science   Current GPA: 3.85

WORK EXPERIENCE
PayPal
Software Engineering Intern, PayPal Tech Data   June 2014-Sept 2014
- Collaborated with a team in charge of data security and management of PayPal information
- Ensured data encryption and secure database manipulation using JAVA with PayPal libraries
- Built tools to facilitate sending queries to databases and checking for successful accesses

Responsys (now acquired by Oracle)
Production Operations Intern   June 2013-Sept 2013
- Implemented and debugged monitoring tools in both Python and Bash
- Cooperated with system operations team to make improvements to the production environments
- Updated old and corrupted data on the live product using Python scripts

Bruin Mobile
Senior Developer   Feb 2013-Present
- Created, edited and resolved problems with websites for UCLA Student Media and other student groups
- Generated scripts for various purposes such as collecting student information and managing events
- Trained interns in both front-end and back-end web development
Systems Administrator   Jan 2014 – March 2014
- Managed servers for the UCLA Student Media websites using OpenVZ

Key Solutions
Software Engineering Intern   July 2011-Aug 2011
- Designed a web service to find potential grants based on a client's criteria

Infotech Outreach
Group Leader   Aug 2010-Aug 2012
- Guided high school students in teaching computer skills to senior citizens lacking prior knowledge

PROJECTS
Test Bank: UCLA   October 2014-Present
- Built an Android app for students to gain mobile access to previous midterm and final exams

Wallpaper Feed   May 2014-Present
- Co-developed an Android app to set a user's wallpaper to new and popular images from Reddit.

More projects and links listed on website (http://www.karthikvemulapalli.com/projects/)

HONORS & SKILLS
Upsilon Pi Epsilon (Member)
- Honor Society for Computer Science students with a GPA of 3.5 or higher
- Participate in tutoring and mentorship activities for incoming CS majors

Programming: JAVA, C/C++, Python, Android Dev., Bash, HTML/CSS/JavaScript, PHP, MySQL, OCaml, Prolog, MATLAB, R, JQuery, Intel x86 assembly, MIPS

RELEVANT COURSES
Computer Science: OS Principles, Programming Languages, Computer Architecture, Database Systems
Math/Physics: Linear Algebra, Discrete Mathematics, Statistics, Electrodynamics and Circuits
Full list: http://www.karthikvemulapalli.com/courses/