COMPUTER COREY

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EDUCATION

University of Southern California

Bachelor of Science, Computer Science and Business Administration *GPA: 3.29*

Expected May 2017
Los Angeles, CA

EXPERIENCE

USC VITERBI SCHOOL OF ENGINEERING
CSCI 100 Lead TA

Jan 2015 - Present
Los Angeles, CA

- Assisted a class of over 100 students in concepts such as recursion, introductory level and algorithms
- Lead labs focused on the understanding of the fundamentals of object oriented programming
- Held weekly office hours designed to guide undergraduate students in the complex topics of C++
- Taught through the "hands-in-pockets" method, encouraging hands-on learning
- Scheduled two hour-long teaching sessions and weekly lab sessions for thirty colleagues as a lead TA

ORANGE
Data Intern

May 2016 – Aug 2016
Sunnyvale, CA

- Optimized and enhanced key Business Intelligence algorithms required by internal teams
- Outlined and scheduled all aspects of intern project including goal setting and deliverables
- Adapted current large scale Big Data tools to improve performance as a long term solution

FUTURE TEC
Undergraduate Engineering Intern: DevOps Team

May 2015 – May 2016
Culver City, CA

- Launched live ChatBot written in Python to respond to real-time user commands
- Designed and created Django-based website with Django REST Framework to interact with the ChatBot
- Implemented collectd monitoring plugins designed to analyze over 250 data points from Elasticsearch and RabbitMQ
- Enhanced developer tools through Python scripting to smooth the transition from development to production
- Joined ten person Agile team and was involved in daily Scrum meetings and planning sessions

WIRED
Undergraduate Intern

Jan 2015 – June 2015
Los Angeles, CA

- Collaborated with two other undergraduate students to implement front-end and back-end design of a webpage using Django
- Completed back-end requirements including database implementation through Python libraries
- Engineered a dynamic and responsive webpage dedicated to maintaining user specific data

USC VITERBI IT CUSTOMER SUPPORT
Team Supervisor

Sept 2013 - May 2015
Los Angeles, CA

- Promoted to a leadership position after three months of employment to increase student involvement in the division
- Introduced new scheduling protocols, team-building meetings, and training procedures
- Managed and organized fifteen-hour work schedules for over thirty students
- Trained students to work walk up service in order to assist students, faculty, and staff

SKILLS

- **Computer Programming**: C++, Python, Java, MySQL, PHP, BASH, HTML, and CSS
- **Other Computing**: UNIX, git, CI Tools, Maven, Android Studio, and Photoshop

PROJECTS

Java Server

Fall 2016

- Developed lookup and primary tables using MySQL to track users, administrators, and passwords
- Practiced secure information handling through hashed passwords using unique salts
- Managed a six person team and used clear objectives and tasks throughout the development process

INVOLVEMENT

USC Women In Computing
- Vice President

Hack Poly | LA Hacks | HackSC
- Participant

USC Viterbi
School of Engineering