

Austin Berke



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austinberke

Education

B.S. Computer Science, University of California – Los Angeles

Expected June 2019

Dean's Honor List Spring 2016, ALD & PES Honor Societies, GPA: 3.6

Calabasas High School

June 2015

Valedictorian, GPA: 4.4

Experience

Songabout.fm, Freelance Web Developer

Nov 2015 - current

- Deployed a virtual private server and migrated PHP web application from shared hosting
- Integrated the application extensively with YouTube, Echo Nest, and Last.fm APIs
- Introduced fixes to improve page load times by over 500%

BerkeHakimi, Technology Consultant

Jan 2012 – current

- Developed website for the BerkeHakimi law firm using WordPress with custom plugins and modifications
- Implemented a physical and cloud-based networking solution for five workstations
- Transitioned several assorted webmail accounts to a centralized IMAP server

SongNova, Co-founder and President

Feb 2012 – May 2015

- Oversaw development of a music-based social network – contributed to and modified PHP/JQuery code
- Managed a three person team and collaborated with several freelance developers and designers
- Devised and executed a social media marketing plan including the social network's transition to a music blog

Skills

- Languages and Development
 - C++, HTML, CSS, Java, PHP, MySQL, Git, Bash, Vim
- Software and Environments
 - Linux, WordPress, Adobe Photoshop, Adobe Premiere Pro

Projects

- Built a PacMan-style game with a complex object hierarchy, a breadth-first search algorithm, and a comprehensive GUI and sound effects
- Created a malware scanning web crawler including a custom data structure based on an open hash table that is stored on disk rather than in RAM
- Produced a memory-efficient program to process MIDI data with only 8K of RAM available making extensive use of pointers and dynamic memory allocation