

DAVID SU SUNG

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EDUCATION

University of California, Berkeley

Graduated On: May 2016

B.A. Computer Science & B.A. Cognitive Sciences

Related Coursework: Data Structures & Advanced Programming, Algorithms, Introduction to Artificial Intelligence, Machine Structures, Discrete Math and Probability Theory, Structure & Interpretation of Computer Programs, Software Engineering

TECHNICAL SKILLS

Proficient: HTML/CSS, JavaScript, AngularJS, Bootstrap, WordPress

Familiar: Ruby on Rails, Python, Java, C, PHP, Scheme, SQL

WORK EXPERIENCE

Front-End Web Developer (joombas.com)

Joomba Music Group, June 2016 – Present

- Developed layouts and visuals for web and mobile platforms including website customizations, mobile app layouts
- Worked on posting content for website using mainly HTML/CSS, JavaScript, and jQuery plug-ins in WordPress platform
- Maintained and updated customized plug-ins for security / anti-malware against hackers reducing the amount by 100%

Front-End Web Developer (alumni.berkeley.edu)

Cal Alumni Association, December 2014 - July 2015

- Handled front-end for the African Alumni Association website at UC Berkeley (www.africanalumni.berkeley.edu)
- Built on the user-interface and coded up layouts/design mock-outs using mainly HTML/CSS and JavaScript.
- Worked alongside PhD researcher to connect hundreds of Cal African Alumni by featuring their stories on our website.

Web Development Intern (schoolzilla.com)

Schoolzilla, June 2015 – September 2015

- Worked with Big Data; automating transformation of raw data from dozens of data sources to web-services used by K-12 school systems to help school and district leaders make data-driven decisions.
- Worked on re-designing dashboards for website using mainly HTML/CSS, JavaScript, and jQuery
- Worked with research, design, development, testing team to develop new ideas and modified existing codebase.

SIDE PROJECTS

Personal Website (sungdvd.github.io/myWebsite) (HTML/CSS/JavaScript/jQuery/Bootstrap)

- Coded a website from scratch using HTML/CSS and JavaScript and jQuery functions to animate elements on the page.
- Integrated website with Bootstrap framework to make web content responsive

African Alumni Project (www.africanalumni.berkeley.edu) (HTML/CSS/WordPress/JavaScript)

- Launched the 'Africa Connections' portion of the website created by converting mock-ups using HTML/CSS
- Handled front-end development for the website including revamping homepage with carousel along with other pages

My AngularJS Store (HTML/CSS, AngularJS)

- Designed an online store using custom directives and taking advantage of dependency injection to make it client-friendly
- Took advantage of AngularJS's two-way data binding feature to implement an interactive ratings system

Sliding Block Puzzle (Java)

- Implemented a similar version of the famous Sliding Block Puzzle using various data structures and search algorithms.
- Designed and created internal data representations for the sliding block puzzle game. Utilized breadth-first search to implement a machine player that self-solves a game board

EXTRACURRICULARS & INTERESTS

Interests: Music Production, UI/UX Design, SEO, Responsive-Web Design, Video games, Korean BBQ

Extracurricular: CSUA (Computer Science Undergraduate Association), KASA Culture Show Board Member, Collegiate Intramural Sports (Football/Soccer), Berkeley Byte at Cal (www.berkeleybyte.com)