Daniel T. Anderson

Objective:

- **To design and develop software, on a product development team, with a slight preference for server side and big data applications.**

Education:

- **UC Berkeley – May 2016**   **2010-12 & 2014-2016**
    - **Major: Cognitive Science** (Concentration in computational modeling)
        - Studied how people think, learn & remember & modeled perceptions & behaviors.
    - **Minor: Computer Science** (Interest in AI, Run time Analysis, and Performance)
        - CS61C: Machine Structures (C, MIPS, Assembly, Machine, protocols, CPU design, pipe lining, caching), CS61B: Data Strictures (Java), CS-169 Software Engineering (Ruby on Rails, Agile, MVC, JSON, REST API, HTTP:IP Protocol), Math 55: Discrete Math, CS-161 UI Design (Android Studio: XML + Java); CS188: Introduction to AI (Python).

- **Foothill Community College**   **Jan 2013 – Aug 2014**

Experience:

- **Software Developer Intern at ERN Global**   **Jun 2013 – Jan 2014**
    - Worked with development team to automate installation of three-tier application on Virtual Machines in the cloud. Scripted in Linux and helped benchmark server performance.

- **CS Class Projects** (and related)
    - **Database:** SQL queries basic student registration system.
    - **MIPS Processor**: Designed & built two-stage CPU MIPS processor with Logisim.
    - **UI:** Designed & built java app to link an android and a watch.
    - **Engineering tools:** Built usable text editor with JavaFX.
    - **Full Stack:** Designed & implemented sign-up sys. for Engineers w/o Borders. (Team of 6, 2 week agile sprints, unit + full stack tests, bug reporting: Pivotal Tracker).
    - **Security:** Set up PGE encryption engine locally to learn more about cryptography.

- **Other Jobs**
    - Internship at Auction.com – built VBA macros in Excel   Jan 2015
    - Construction assistant – remodeling historic houses – Santa Clara   Summer 2014
    - Camp Staffer at Jewish Community Center in Palo Alto   Summer 2012
    - Boy Scout Camp Oljato Staff – near Huntington Lake, CA   Summers 2008 – 2011

Computer languages / Frameworks / Environments

- Java, Ruby on Rails, C, Shell Script, Python, MIPS assembly, JUnit, rspec, XML, SQL, Regex, Git Graph Theory (Path Finding, Expecti-min-max); Data Structures (Trees: binary, quads, tris, Parsing, IO).

Awards

- Foothill College (Deans List four of five quarters)   Jan 2013 – Aug 2014
- Eagle Scout Award   Jun 2010

Volunteering:

- Anova: Helped start CS program at De Anza high school in Oakland Jan '15 – May '16
- Tutor: Weekly at Jefferson High School   Aug '11 – Jan '12
- Theta Chi Fraternity: Assist. Recruitment & Risk Mgmt. Chairs   Aug '11 – Jan '12

650.400.3085 --- danieltanderson@berkeley.edu --- 610 Jay St., Los Altos, CA, 94022