
MATTHEW FARMER

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Experience

Contract Developer, Clontech Laboratories, Inc. ; Mountain View CA—April 2014—June 2014

Worked under contract for Clontech Laboratories, Inc. to build a GUI-based FASTQ downsampler using Java that randomly samples subsets of sequences from large FASTQ data files.

Co-Founder, Build-A-Well Foundation; Mountain View, CA—2011–Present

Initiated and developed an online community on YouTube with over 3500 subscribers, and used this to coordinate an online fundraising campaign to build and repair wells in Africa. Funds for a first well for the Ematawa Primary School in Kenya have been raised, and the well is under construction. We have successfully raised funds for a second well.

Co-President, Battery Recycle Club of Los Altos; Los Altos, CA—2010–2014

Ran a program through the Los Altos Library to facilitate recycling of batteries in the local community.

Principal, Los Altos High School Chamber Ensemble; Los Altos, CA—2013–2014

Guided the Los Altos High School Chamber Ensemble cello section to improve their musicality and ability to perform advanced repertoire

Volunteer, Los Altos Library; Los Altos, CA—2010–2014

Provided over 300 hours of community service to the local library, assisting librarians with organizing activities for children as well as sorting library inventory.

Education

Prospective Computer Science & Engineering Student at University of Washington; Seattle, WA—2014—2018

Los Altos High School; Los Altos, CA—2010–2014

SAT — 2120

High School GPA: 3.71 (unweighted)

Skills

Experience working with servers and recursive methods in Java; 1.5 years

Cello for 10 years and piano for 9

Working knowledge of Sony Vegas Pro 12 and iMovie

Awards

AP Scholar with Honor—2014

2nd place award in the World Journal Scholarship Competition for development of a battery recycling program through the local library—2012

Letter of commendation from Congresswoman Anna Eshoo in recognition of achievement in community service through the battery recycling program—2010

Dean's List - Academic Excellence—2015
