

# STEVEN BARNETT

## EDUCATION

**BRIGHAM YOUNG UNIVERSITY**, PROVO, UT — B.S. COMPUTER SCIENCE, APRIL 2016

- Computer Science GPA 3.7
- Overall GPA 3.61

## EXPERIENCE

**SOFTWARE DEVELOPER INTERN, ANCESTRY.COM** PROVO, UT 2013 - 2014

- Defined a service level agreement and produced metrics of compliance to that agreement in C++.
- Developed web pages ASP.NET MVC 5 for internal access to latest modeling of family history data.
- Implemented functionality in C# to decompose blobs representing family history records.
- Trained in SOLID design principles and worked in an AGILE environment.

**RESEARCH ASSISTANT, BYU PHYSICS DEPARTMENT** PROVO, UT 2013

- Wrote Python code for use in simulations of materials and algorithm development.

**RESEARCH ASSISTANT, BYU PHYSICS DEPARTMENT** PROVO, UT 2012 - 2013

- Deposited thin films on carbon nanotubes for use in thin layer chromatography.
- Repaired machinery for low-pressure and plasma-enhanced chemical vapor deposition.

## SKILLS

### SOLID

- C++
- C#
- Java
- TFS
- Visual Studio

### MODERATE

- HTML5
- CSS
- IntelliJ
- Git
- Eclipse

### BASIC

- C
- Python
- Mathematica

## PROJECTS

- Developed a client server application of the game *Settlers of Catan* as a team project.
- Wrote a client server application to model family history indexing.

## RELATED COURSEWORK

- |  |   |
|--|---|
| • CS 340 Software Testing & Design Patterns (Java) | • CS 312 Algorithm Analysis (C#)        |
| • CS 240 Client Server Applications (Java)         | • CS 235 Data Structures (C++)          |
| • CS 252 Computational Models                      | • CS 236 Discrete Structures (C++)      |
| • PHSCS 313R - Computational Physics (Python)      | • CS 124 Computer Systems (Assembly, C) |

## HONORS AND ACTIVITIES

- Member of Association for Computing Machinery - BYU Chapter
- Member of Society of Physics Students - BYU Chapter
- BYU College of Physical and Mathematical Sciences Dean's List - Winter 2013, Spring 2013
- Participated in a summer study abroad program in London in 2013

## INTERESTS

- I enjoy playing tennis, biking, hiking, reading, cooking, and playing the piano.