

Talus Baddley

A dedicated developer, with a passion for detail, for human interfacing applications, and for the diverse languages of coding.

talus.baddley@icloud.com 1770 East 1300 South
(801) 860-6151 Salt Lake City, UT 84108

Application Development & Projects

Cranium Cafe

Software Developer at Cranium Cafe. Worked, in a small team, to create a rich video communication service. Designed and built a reactive, stable, intuitive client-side web application to handle video with multiple parties; and helped design the broader architecture and protocols for the service.

Javascript (React.js, Bacon.js), CSS; WebRTC. May 2014-Jan 2015.

Matherator Extreme

Math games for elementary students, in a relatively large, multi-component project with desktop and server applications. This is a team project with three other developers.

Java, Swing; backed by SQLite. School project. 2014 (in progress).

FountainPen

A text editor designed for real people, writing in human language. FountainPen provides all the functionality for composition, without the bloat that comes with word processors.

Cocoa-based. Over 2350 downloads of latest version. 2009-2012.

Sudoku Solver

A program which solves given sudoku puzzles, using standard search trees and a number of search-space optimizations. It includes a simple, optional Mac GUI front-end.

Python program (with minor Cocoa component). School Project. 2012.

Technical Skills

Programming in diverse contexts: Thorough experience with Ruby, Python, Objective-C, Javascript, Java, and C, as well as HTML, CSS, and SQL. Major framework experience includes Rails, Cocoa, JRuby and React.js. Extensive skill with Adobe Creative Suite, particularly InDesign and Photoshop.

Positions of Trust

Tutor for Computer Science Students

Provide one-on-one tutoring in CS subjects to Westminster College students. 2012-2014.

Linux Server Administrator

Administer the Linux server for the CS department at Westminster College. 2013-present.

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Education

Bachelor of Science in Computer Science — expected graduation 2015.
Westminster College, Salt Lake City.
3.984 GPA at present.

References

Michael Gorham, CTO at Cranium Cafe.

(801) 935-4244. michael@craniumcafe.com

Cory Hammon, Software Developer at Cranium Cafe.

(435) 619-3458. cory@craniumcafe.com

Greg Gagne, professor at Westminster.

(801) 832-2361. ggagne@westminstercollege.edu