

Roxanne Dash Brittain

Computer Science Student, UCSB

Education

- 2012–2014 **B.S. Computer Science**, *University of California, Santa Barbara - College of Creative Studies*, GPA: 4.00.
2009–2012 **Computer Science**, *Santa Barbara City College*, GPA: 3.70.

Work Experience

- 2011–Present **Independent Mobile App Developer**, *Self-employed*, Santa Barbara.
 - My GradeBook for Student Grades (iOS, Android) - Assignment and grade tracking app for students.
 - Calculate My GPA (iOS) - GPA calculator for students.
 - Dial Hours (iOS) - Time based contact encrypter that protects phone from undesired outgoing calls.
 - ReboS Sober Neighborhood (iOS) - Location-based social networking app for the sober community.
- 2006–Present **Private Tutor**, *Self-employed*, Santa Barbara.
 - Tutors students aged 7 - adult in math, computer science and physics.
 - Assisted with class material and test preparation.
 - Created custom lessons for personal growth.
- 2011–2013 **Software Engineer**, *Digitfit, Inc.*, Santa Barbara.
 - Developed and maintained fitness and health tracking apps for iOS.
 - Upgraded user interface to meet Apple design standards.
 - Contributed to integration of app with ANT+ and Bluetooth fitness sensors.
 - Implemented user data sync with server API.
 - Performed testing and code reviews.
- 2010–2011 **Lead iOS Developer**, *Reality Overlay*, SBCC Computer Science Department.
 - Implemented image analysis algorithms to create a virtual graffiti wall.
 - Developed iOS application to interact with graffiti wall using augmented reality.
 - Assisted in development of matching Android application.
 - Designed branding graphics and user interface.
- Summer 2010 **Assistant iPhone App Developer**, *MacPapa*, Santa Barbara.
 - Created iPhone apps individually and on small team.
- Summer 2010 **Flash Game Creator**, *Aston School of English*, China - Remote.
 - Developed 42 educational ESL games based on Aston School's curriculum for children.
 - Created graphics and recorded sound clips.
 - Updated website system to include new games for online use for students.
- 2007–2008 **Math Lab Tutor**, *SBCC Math Lab*.
 - Instructed college students in Basic Mathematics to Calculus.
 - Assisted with homework, test preparation and method comprehension.
- 2006–2008 **Leadership Trainee**, *Academy of Healing Arts!*.
 - Completed paid training in the following areas; Job Skills, Career Development, Nutrition and Health, Public Speaking, Conflict Management, Violence Prevention, Relationship Success, Diversity Appreciation.

Technologies

Languages	C, C++, Objective-C (iOS), Java, Android, Assembly, HTML, CSS, XML, JSON, \LaTeX
Development	Xcode, Instruments, Eclipse, SVN, GIT, Mercurial, Jira, Google Code
Design	Adobe Photoshop, Illustrator, Flash, AfterEffects, SoundBooth

Honors and Awards

- 2010 - 2011 Included in Santa Barbara City College President's Honor Roll.
- 2010 and 2011 Leader of team that placed 1st of junior colleges, ACM Programming Competition.
- 2008 Ranked in top 3 students overall for Santa Barbara School District in combined subjects (math, verbal, science, history), STAR CA Standards Test.
- 2006 Tied for 1st place in Mathcounts, Regional Math Competition.
- 2004 Placed best in school at Goleta Valley Junior High for the AMC8 Math Competition.
- 2004 Placed best in school at Goleta Valley Junior High for the Cal Math League Competition.

4554 Auhay Dr. – Santa Barbara, CA 93110

☎ +1 (805) 570 1729 • ✉ roxanne.brittain@gmail.com • 🌐 roxannebrittain.com