

Randy Truong

<http://randytruong.com>

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Education

University of California Riverside (UCR)

Computer Science

Graduated Summer 2015

GPA: 3.141

Ecole Polytechnique Fédérale de Lausanne (EPFL)

Summer Study Abroad 2014

Switzerland

Senior Design Project

Technical Skills

Programming:

Javascript, Java, Git, C, C++,
Swift, MongoDB, HTML/CSS,
Bash/Shell Scripting, Verilog

Softwares/Tools

ZenHub, XCode, Android Studios,
Visual Studios, Vim/Vi, Sublime,
Marmalade SDK, Altera Studios,
Atmel Studios, Xilinx,

Frameworks:

React, Flux, Node, SocketIO,
ExpressJS, JQuery, MeteorJS,
Bootstrap, MaterializeCSS

Activities

Hackathons:

LAHacks, BattleHack, SBHacks,
HackPoly, HackUCI, Citrus Hack

Competitions:

ICPC (2012, 2013)

UCR - ACM programming
competition (2012)

Links

randytruong.com

github.com/rtruo001

[linkedin.com/in/randytruong](https://www.linkedin.com/in/randytruong)

Experience

Apple Tea - (Node, React, MongoDB)

(June 2016 - Present)

- A web application currently in development, users may join rooms to watch and listen to the same medias in synchronization.
- Agile development and collaboration was used with ZenHub and Github
- Implementations include server-side rendering, React, Flux, Socket.IO, MongoDB, and authentication.

Vent Origins - Co-Founder/Developer

(June 2015 - June 2016)

- Launched and currently maintaining several IOS/Android applications and websites.
- Work in a small team to plan, design, and implement software using combinations of software development methodologies.
- Put into practice concepts in version control, algorithms, and software engineering design structures.

UCR Summer Study Abroad - Intern/Ambassador

(October 2014 - June 2015)

- Successfully launched 7 UCR's summer study abroad programs by recruiting 15-30 students in each program.
- Advised all students and faculty of program plans, financial aid, and previous study abroad experiences through meetings, tabling, presentations, and office hours.
- Updated the website: summerstudyabroad.ucr.edu

Senior Design Project - (Embedded Systems)

(August 2014 - November 2014)

- Study abroad program in the campus EPFL which is located in Switzerland.
- Worked in a group of 5 to design, implement, and document the process of making a NES Emulator on a FPGA board, VGA monitors, NES controllers, and Altera Studios.

Projects

Sir Prance - (IOS/Android App)

(July 2014 - March 2016)

- Currently on both IOS and Android's app store. Developed in Java and Swift.
- Incorporates Object Oriented Programming, timers, and animations.
- Build own engine to control the animations and functionality of the game.

VentDJ and VentTag - (Web Application)

(June 2015 - January 2016)

- Used a variety of API's including Youtube, Soundcloud, and Spotify.
- Made with wide variety of techniques and algorithms to play the queue with shuffling and looping capabilities.

R-Cart (Android App)

(October 2014 - January 2015)

- Worked with a group in a company-like scenario in building an Android app that receives gas and product informations.
- Created mapping algorithms for routing (GoogleMaps), controlling prices from the APIs to the app, and developing an user interface.

Rainbow Rows - (Embedded Systems)

(April 2014 - June 2014)

- Developed a functional embedded system using state machines and bit manipulation.
- Made on Atmel Studios and the C language with different hardwares including an 8x8 RGB LED matrix, shift registers, a LCD Screen, and a NES controller.