
permanent address: 332 N. Addison Ave. Elmhurst IL 60126
campus address: 201 S Busey APT 12, Urbana IL 61801
email address: rjmarsan@gmail.com
phone number: (630) 936-1800
citizenship status: US Citizen

EDUCATION:

University of Illinois - Urbana Champaign Urbana-Champaign, IL
MS, Fall 2011 - Expected May 2013
Major: Computer Science
GPA: 3.93

University of Illinois - Urbana Champaign Urbana-Champaign, IL
BS, Fall 2008 - May 2011
Major: Computer Science
GPA: 3.63

WORK EXPERIENCE:

Hulu LLC
Mobile Developer Intern Summer-Fall 2010, Summer 2011, 2012
- Helped develop Hulu Plus for iPad and iPhone.
- Developed many key aspects of Hulu Plus for Android phones & tablets
- Key role in many design/high level discussions
- Lead Android developer during several periods

UIUC
Teaching Assistant September 2011 - May 2012
- Led discussions/mini lectures teaching practical OpenGL
- Sole TA in classes of 70+ students
- Responsible for grading open-ended assignments and exams

PROJECT EXPERIENCE:

Plasma Sound
Creator January 2011 - Present
- Android music instrument written with libPD and Processing
- Simple instrument controls: x is pitch, y is effects. Intuitive and fun.
- As of Fall 2012, over 150,000 downloads, and almost 50,000 active users
- Actively developed, many features added since initial release.
- <http://github.com/rjmarsan/PlasmaSound> and <http://plasmaound.rjmarsan.com/>

Tacchi
Team Leader October 2010 - May 2012
- SigMusic@UIUC's project to create a large music touchscreen
- Based off of 2 years and 4 touchscreens of prior research
- Won Best Undergraduate Research and Lockheed Martin CS Award at EOH 2010
- Won first place in "Defining the future" at EOH 2011 in collaboration with SigArt
- <http://www.acm.uiuc.edu/sigmusic/tacchi.html>

Chroma
Team Leader October 2011 - Present
- SigViz@UIUC's project to create a large grid of interactive lamps
- Won Yahoo Hack-U 2011 at UIUC
- Robust client-server protocol and stack to allow remote management and animations
- Large use of OSC, Python, Processing.
- <http://github.com/acm-uiuc/chroma-scripts>

Tweet Beat
Team Leader February 2012 - Present
- SigMusic@UIUC's project to turn tweets into music
- Sentiment analysis of tweets, and melody generation based off of them.
- Robust and versatile drums and synthesizers written in PureData.
- Extensive use of PureData, Node.js, Java, OSC
- <http://github.com/acm-uiuc/twitter-music-pd>

LEADERSHIP/ACTIVITIES

Chair of SIGMusic/SigViz at UIUC (part of ACM) September 2009 - Current
- Leader of many projects; see above.

MORE <http://rjmarsan.com>, <http://github.com/rjmarsan>

SKILLS Python - 3 years. Android - 3 years. Javascript/jQuery - 2 years.

References:

Zach Holt

- Lead Software Developer at Hulu
- 12312 W. Olympic Blvd
- Los Angeles CA
- Phone: (714) 348-5101