

# Brandon Huynh

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## + EDUCATION

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2011 - Mar 2015 **B. Sc. Computer Science**  
University of California, Riverside 3.877 GPA

## + SKILLS AND TECHNOLOGIES

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Languages **C++, Python, C Posix, Javascript (some exposure)**  
Web **HTML, CSS, jQuery, Twitter Bootstrap, Django, Flask, Heroku**  
Graphics **OpenGL, OGRE, Polycode, Maya**  
OS **Linux, Windows Vista - 8, Mac OS X**

## + JOB HISTORY

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**Supplemental Instruction Leader** - *UC Riverside* Sep 2013 - Present

- Lead Supplemental Instruction sessions for Computer Science courses
- Reinforce students' understanding of the course material, and teach them the tools needed to succeed
- Encourage students to explore Computer Science as a career

**Student Assistant: Brain Game Research Project** - *Riverside Graphics Lab* Jul 2013 - Present

- Developer on two C++ and OGRE based video game projects
- Designed exciting game mechanics which attempt to assist in cognitive development and memory growth
- Debugged and resolved critical timing issues in OGRE Xcode framework
- Built with support for both OS X and iOS

**Course Reader** - *UC Riverside* Mar 2013 - Sep 2013

- Assisted with grading and administrative duties for online Computer Science courses
- Wrote documentation that guided students through the many online tools employed

**Volunteer Programmer: User Defined Touch Interface** - *Riverside Graphics Lab* Jul 2012 - Jul 2013

- Developed an OpenGL application where players underwent custom interface training
- Integrated a Support Vector Machine to learn and distinguish user defined touchstrokes for each action
- Developed a minigame where players utilized the trained interface to hit targets and score points
- Poster to be presented at Motion In Games 2013 conference

## + PROJECTS

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**Highlandr** Jan 2013 - Apr 2013

- Tumblr-like microblogging platform for a Software Engineering course
- Made in Python with Django and Twitter Bootstrap. Deployed on Heroku
- Posts upload and fetch media from Amazon AWS servers
- Inadvertantly allowed unfiltered HTML and Javascript code in posts (which caused some *fun* problems)
- User content was sampled and promoted on the front page

## + PERSONAL

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**ACM@UCR Vice Chair** 2013 - Present

- Organized ACM ICPC and other local programming competitions
- Set up and maintain our in-house online submission and judging servers
- Developed instructional workshops for members on technologies like Go, git, Arduino
- Hosted hackathons and weekly hack nights to encourage projects outside of general coursework