**Ryan Yuzuki**

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**EDUCATION University of California, Riverside**

B.S., Computer Science *Expected June 2019*

Dean’s List, National Society of Collegiate Scholars

**TECHNICAL EXPERIENCE**

**Relevant Coursework**

* **CS100 – Software Construction**
  + Developed skills in design and implementation strategies, programming, testing, debugging, performance evaluation, environment tools, and development processes – see Rshell
* **CS153 – Design of Operating Systems**
  + Covered the principles and practice of operating system design.
  + Included concurrency, memory management, file systems, protection, security, command languages, scheduling, and system performance.
* **ENGR180W – Technical Communications**
  + Emphasized professional and ethical responsibilities including preparing and critiquing reports, proposals, instructions, and business correspondence.

**Projects**

* **Rshell – C++**
  + Custom implementation of a Linux shell
  + Implemented system calls, piping, forking
  + https://github.com/ryuzu001/rshell
* **/r/UCR subreddit stylesheet - CSS**
  + Custom styling for the UCR subreddit; over 2500 subscribed users
  + https://ucr.reddit.com/about/stylesheet
* **Ray Tracer – C++**
  + Rendering of 3D objects in a 2D environment using OpenGL
  + Implemented reflection, refraction and Phong shading
  + https://github.com/ryuzu001/ray\_tracer

**Languages/Software**

* **Intermediate:** C++, Microsoft Office, Windows/Linux, Adobe Photoshop
* **Beginner:** Python, Java, HTML, CSS, Git, Vim, Bash, Verilog, LC3

**ADDITIONAL EXPERIENCE**

**Awards/Leadership**

* **Eagle Scout** *August 2014*
  + Eagle Scout project was to organize, plan and lead scouts/parents to renovate two playground equipment rooms.
* **Merit Badge Counselor** *June 2016 – Present*
  + Instructed and led groups of Boy Scouts through curriculum required to earn Eagle required merit badges (Citizenship in the Nation)
  + Office work, such as scheduling classes and check-in for scouts.
  + Spotter for the pool and waterfront to prevent drowning
  + Food prep and service for overnight campers.