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 2400 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:** C, 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.