**Ryan Yuzuki**  **ryanyuzuki.com**

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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**

**Coursework/Experience**

* **Software Engineering Intern – Raytheon (June - September 2018)**
  + Used VectorCast and Wind River Workbench to unit test hand/autogenerated code to achieve modified statement/MCDC coverage as part of the JPALS software engineering team.
* **CS100 – Software Construction**
  + Developed skills in implementation strategies, programming, debugging, performance evaluation, environment tools, and development processes.
* **CS166 – Database Management Systems**
  + Covered the architecture, implementation and models of a DBMS
  + Introduced query languages, mainly PostgreSQL
* **CS180 – Software Engineering**
  + A study of software engineering techniques for the development, maintenance, and evolution of large scale software systems.

**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 3000 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**

* **Comfortable:** C/C++, Microsoft Office, Windows/Linux, Adobe Photoshop
* **Familiar:** Python, Java, PostgreSQL, HTML, CSS, Vi/Vim, Git/Github, ClearCase

**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 – August 2017*
  + 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.