Lucas Keller

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Skills and Abilities

- Coding Languages: Good knowledge of Java and Python. Knowledge of C#, C++. Also familiar with HTML, CSS, and Javascript.
- Experience with the Agile development cycle.
- Experience with version control/Git.
- Strong familiarity with Windows environment, some familiarity with Linux environment.
- Strong communication and leadership skills.

Education and Relevant Coursework

Graduated June 2017 with a Computer Engineering degree from UC Davis. Completed courses on C and C++, data structures, networks, circuit analysis, semiconductor device physics, digital logic, embedded systems, operating systems, and computer architecture. Experience with lab equipment, breadboard prototyping, soldering, and some experience with SPICE simulation.
GPA: 3.32

Experience

Test Engineer at Kyocera Document Solutions Development America – Concord, CA
July 2017 – Present
Performed various types of testing and created automation on web, Windows, and Linux applications. Some tools that I have used are Ranorex, Selenium, JMeter, Burp Suite, ZAP Proxy, and the Linux Desktop Testing Project library in Python. In mid 2018, moved to development for a Kyocera-owned CMS platform using Java and the Apache Tapestry front-end development framework.

Engineering Test Intern at Kyocera Document Solutions Development America – Concord, CA
June 2016 – September 2016
Performed front-end web page optimization and create performance reports using Google Chrome developer tools and Apache JMeter. Put together performance reports and presented them to development and QA teams. Automation testing on web pages and computer applications using Ranorex Studio and scripting in C#. Also created script for Perforce (version control software) in Python.

Digital Systems Senior Design Project at UC Davis
January 2017 – June 2017
Implementation of algorithms integrating hardware on Altera FPGAs. Used C to code algorithms for image edge detection via Sobel Algorithm and recognition of integers 0-9 using neural networks. Accelerated those algorithms in Verilog using Quartus and Qsys software.

Founder and President of Davis Melee Club at UC Davis
May 2016 – July 2017
Organization of tournaments and coordination of groups of people to run tournaments. Coordinated competitions between the school of UC Davis and other schools in the Northern California Area, as well as other presidential duties.