

June 14<sup>th</sup>, 2012

To whom it may concern:

It is my pleasure to write this letter in support of Joshua Beninson.

I met Joshua in the Spring semester of 2012 while I was serving as a Teaching Assistant for the undergraduate Operating Systems course in the Department of Computer Science at Rutgers. This course is a very in-depth treatment of the topic, and requires the completion of three programming assignments.

Joshua started out the course with minimal knowledge of the C programming language, but dedicated himself to the course and very quickly brought himself up to speed. He regularly attended recitation and was very engaged and interested in the material. He also consistently earned grades on the programming assignments that were among the highest in the class.

In Spring 2012, the most challenging programming assignment was an Linux in-kernel implementation of a "RAID Virtual RAM Disk" driver. The assignment required that the students implement an array of RAM disks that support RAID 4 functionality and ultimately behave as a single block device. This assignment required the students to learn in-depth details of the Linux kernel block device API as well as low-level RAID algorithms. Joshua's was one of two submissions that earned a perfect '100%' grade on this assignment, with a class average of '40%'.

Overall, his performance in Operating System was very impressive and indicates that he has the desire to learn and the ability to be flexible enough to solve whatever problems present themselves. I was particularly impressed by his ability to quickly gain a working knowledge of C with very little prior experience.

I would highly recommend him for a position in computer science or software design/development.

Sincerely,

William A. Katsak  
Teaching Assistant  
Rutgers Department of Computer Science