**Alexander Schuster**

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**Objective:**

To obtain a Computer Engineering full time position in the Summer of 2020 that will incorporate my undergraduate software engineering coursework as well as my leadership experience.

**Skills:**

* Experienced in C++ & familiar with Python/Java
* Experienced in Unix/Linux & familiar with Git
* Communication in an engineering environment
* Proficient in Microsoft Excel, Word, & PowerPoint

**Education:**

University of Kentucky, Lexington, KY

**Bachelor of Science in Computer Engineering** To be awarded: May 2020

* Cumulative 3.69 GPA
* Relevant Courses: Computer Programming 1 & 2 (C++, OOP); Algorithms; Systems Programming (C); Database systems; Digital Logic Design; Circuits 1 & 2; Calculus 1-4

**Relevant Work Experience:**

NASA, Kennedy Space Center, FL

**Computer Network Engineer**: August-December 2017

* Designed networks for NASA’s next generation vehicle
* Unix/Linux experience, as well as network devices (switches, firewalls, etc.)
* Worked alongside a team of engineers to sustain tasks related to ORION & SLS
* Familiar with creating/updating technical hardware schematics
* Acquired knowledge in network architecture
* Experience communicating and meeting deadlines with team of engineers

University of Kentucky, Lexington, KY

**Virtual Machine Debugging Research:** May 2019-Present

* Found benchmarks for testing embedded systems
* Developed testing methods for virtual machines/emulators (QEMU)
* Software testing & program analysis (C++ & Linux scripting)
* Created monitoring tools for QEMU

**Leadership:**

University of Kentucky, Lexington, KY

**FIJI Fraternity House Manager**: March 2019- Present

* Oversaw $160,000 in renovations and repairs to chapter house
* Filled and managed FIJI house (housing contracts)
* Point of contact for house corporation and university staff
* Delegated chores and responsibilities for in house members

University of Kentucky, Lexington, KY

**DanceBlue Corporate Committee**: April 2019- Present

* Managed DanceBlue sponsored events & point of contact for sponsors
* Attained donations for DanceBlue’s Silent Auction & Marathon
* Sought out sponsors for DanceBlue