Dan Schatzberg

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Profile:	**Operating Systems, Cloud Computing, Distributed Systems** Experience as a graduate researcher designing and implementing high performance operating systems Contributor to open source software including the Rust programming language and the OSv cloud operating system
Education:	**Boston University**, Boston, MA Doctor of Philosophy in Computer Science Expected May 2016 **Boston University**, Boston, MA Bachelor of Arts in Computer Science May 2010
Experience:	***Boston University***, *Boston, MA* Graduate Research Assistant (September 2010 to present) Designed and implemented the Elastic Building Block Runtime, a toolkit for constructing custom operating systems for high performance cloud applications. Conducted experiments at scale to evaluate performance improvements over Linux. The project is open source and available at https://www.github.com/sesa/ebbrt ***ARM***, Austin, TX Research Intern (June 2015 to August 2015) Designed and prototyped an on-chip asynchronous event scheduler to improve tail-latencies of cloud workloads such as Memcached. Developed corresponding device drivers and software libraries for Linux application compatibility. ***VMWARE***, Cambridge, MA vCloud Intern (June 2011 to August 2011) Developed an initial prototype of a lightweight, distributed, operating system to grow and shrink across multiple virtual machines on-demand.
Skills:	Experienced with C, C++14, and Rust Familiar with Go, Python, Bash, Java and Javascript Knowledge of POSIX, UNIX, and Linux systems and interfaces