

BRYAN MALYN

Austin, TX

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COMPUTER SKILLS

Basic Knowledge: PHP, GRAFANA, KAPACITOR, CFENGINE, ANSIBLE, ZENOSS, ~~ETEX~~
Intermediate Knowledge: Databases (DB2, SQLITE, MYSQL, INFLUXDB), GIT, JAVASCRIPT, HTML
Advanced Knowledge: PYTHON, JAVA, C

WORK EXPERIENCE

	SAMSUNG AUSTIN R&D CENTER (SARC) <hr/>
Nov. 2017 - Present	Engineer II, <i>Austin, TX</i> Product owner of critical tools: ZENOSS, CFENGINE, and our CMDB, including managing the required infrastructure to support these tools and perform critical updates. Provide tooling around our CMDB as well as extend its functionality by updating the SQLALCHEMY ORM and MYSQL database. Automate ZENOSS monitoring of systems by synchronising with our CMDB to add/delete devices as they come online and are retired; and to update device production states, monitoring templates, and roles. Manage linux system configurations through CFENGINE.
	INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) <hr/>
AUG. 2015 - OCT. 2017	Cloud Automation Specialist, <i>Austin, TX</i> Created tools to ease my team's effort for periodic revalidation processes. Created new processes to decrease our clients' workloads, with a focus on security compliance. Created an IoT system, in PYTHON, to record metrics from our labs including power, temperature and humidity. Created graphs and alerts based on those metrics using INFLUXDB, GRAFANA, and KAPACITOR. Recognised twice for the Manager's Choice Award for the practice <i>Dare to Create Original Ideas</i> .
	U.S. CUSTOMS AND BORDER PROTECTION (CBP) <hr/>
SUMMERS 2012 - 2014	Wireless Systems Program Office Intern, <i>Chantilly, VA</i> Compiled a list of radio sites across the nation. Optimised a data migration process from various projects to a standardised file structure, which would have taken months to do by hand. Created a process to calculate Operational Availability, and highlighted critical information.
SUMMER 2011	Chief Technology Office Intern, <i>Springfield, VA</i> Increased usability of an inventory database by gathering meta-data for thousands of entries. Investigated a middle-ware platform, and documented my findings to decrease the time other groups would spend on standing it up in the future.
JUN. 2009 - AUG. 2010	Field Technology Officer Intern, <i>Herndon, VA</i> Worked on a dynamic IT team that provided server maintenance and support to our customers, both in person and over the phone.

CONFERENCES

AUG. 2015	Critical Alternatives 2015: 5 th Decennial Aarhus Conference Published and demoed: <i>Light is Loud: A Sound Driven LED Suit</i>
DEC. 2014	8 th International Conference on Ubiquitous Computing and Ambient Intelligence 6 th International Work-conference on Ambient Assisted Living (UCAmI & IWAAL 2014) Published: <i>The Brightest Web-Based Home Automation System</i>
DEC. 2013	12 th International Conference on Mobile and Ubiquitous Multimedia Volunteer and attendee

EDUCATION

MAY 2015	Bachelor of Science in COMPUTER SCIENCE, Virginia Tech , <i>Blacksburg, VA</i> <i>Magna Cum Laude</i> MAJOR: Computer Science MINOR: Math CAPSTONE: Creative Computing ADVISOR: Prof. STEVE HARRISON
FALL 2013 - SPRING 2014	Study Abroad at Luleå Tekniska Universitet , <i>Luleå, Sweden</i> COURSE WORK: Masters Level Computer Science and Swedish Language