

WEBSITE

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Jazmine M. Livingston

- Multi-diciplined engineer with 6+ years of Java development experience in online power regulator design and simulation tool
- Effectively collaborates across multiple teams to produce results on deadline
- Outspoken team player who constantly thinks outside the box, adjusts quickly to changing requirements, pushes bounds of what's possible

EXPERIENCE

APPLICATIONS ENGINEER

WEBENCH Design Tools

Texas Instruments

Santa Clara, CA USA

12/2010 - Present

- Digitized entire portfolio of power regulators for online design and simulation within 2 years of acquisition
- Maintain, revise, revamp design environments based on customer needs
- Build trust with end users through effective communication and transparency
- Give in-person demos/presentations at Tech Days, Lunch-n-Learns & private sessions and recorded series of on-demand training videos

ENGINEERING INTERN

Broadcom Corp.

Sunnyvale, CA USA

1/2010 - 9/2010

- Performed device qualification on wireless chips and routers using Linux interfaces to anticipate and correct failures before they reach the field
- Gained understanding of RF and communication principles through daily job functions
- Built various test stations in order to test full range of device capability

SES COUNSELOR

Santa Clara University

Santa Clara, CA USA

8/2008 - 8/2009

- Mentored and counseled high school students to build a sense of community
- Led students in engineering problem solving activities
- Fosterd creative imaginations and civic engagement in order to illustrate the bigger picture of engineering

TECH INTERN, HIGH SCHOOL

Youth Radio

Oakland, CA USA

10/2002 - 9/2008

- Built a Windows based PC from the gound up: configured BIOS, installed OS
- Built & configured Linux based web server and put in production (www.youthradio.org)
- Installed & configured LAMP (Apache, MySQL, PHP), DNS, BIND & TCP/IP for network use
- Learned routers, switches, bridges, hubs, workstations vs. servers, soldering, and made various Cat5 patch cables for production use

EDUCATION

SANTA CLARA UNIVERSITY

School of Engineering

Master's of Science, 2013

Electrical Engineering, Engineering Management, Creative Writing

SANTA CLARA UNIVERSITY

School of Engineering

Bachelor's of Science, 2010

Electrical Engineering, Computer Engineering & Japanese Studies

- Vice-President, National Society of Black Engineers (NSBE), 2009
- Treasurer, Institute of Electrical and Electronics Engineers (IEEE), 2009
- Team Leader and Member, Santa Clara University Solar Decathlon, 2008
- Orientation Leader, 2007

LANGUAGES

ENGLISH



SPANISH



JAPANESE



PROFESSIONAL SKILLS

DATABASES



SCHEMATICS



JAVA



HTML, CSS



AUTOCAD



MS SUITE



PSPICE



C



JAVASCRIPT



AGILE TOOLS

