ELIZABETH SENGOBA

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EDUCATION

Spelman College *Atlanta, GA*   Expected May 2017
Bachelor of Science in Computer Science, Minor in Mathematics (*Cumulative GPA: 3.81/4.0*)
- o **Honors**: Dean's List, Upsilon Pi Epsilon Honor Society, Alpha Lambda Delta Honor Society, Spelman College STEM Ambassador, Lockheed Martin Scholar
- o **Relevant Coursework**: Hardware Design, Operating Systems, Complex Data Structures, Database Management, iOS Mobile App, Software Engineering
- o **Technical Programming Skills**: C++ (5/5), Java (3/5), Swift (3/5), UNIX (2/5), MySQL (2/5), Python (2/5); Other: Microsoft Office Suite (5/5)

PROFESSIONAL EXPERIENCE

Deloitte Consulting LLP, *Atlanta, GA*   May 2016 – Aug 2016
Business Technology Analyst Intern
- o Lead the assessment and development of an end-user training strategy and curriculum to support training of impacted-business functions through go-live
- o Authored a change communications strategy for conflict escalation, communications to both internal and external stakeholders on key milestones, business priorities, and key project initiatives
- o Supported the development of key documentation and business case artifacts for submission to the client's internal review board and oversight committee
- o Assisted the Project Management office in composing and distributing reports from stakeholder meetings, and posting documentation to SharePoint site

Deloitte Consulting LLP, *Atlanta, GA*   May 2015 – July 2015
Business Technology Analyst Intern
- o Configured and tailored an industry-standard testing tool required for all phases of system testing used by 100+ project members
- o Supported the Project Management office and Billing team through visual modeling of the billing transactions and business processes for the CRM system
- o Developed test management strategy and comprehensive reference materials for project team including defect management protocol specific for detecting bugs in three phases of testing
- o Volunteered at the historic Oakland Cemetery during Deloitte Social Impact Day by assisting with site landscaping

Spelman College Comprehensive Writing Program, *Spelman College*   Aug 2015 – Present
College Writing Tutor
- o Collaborate with other writing tutors to develop multimedia tools to improve writing for first-year students
- o Facilitate 30 min and 1-hour one-on-one sessions with 40+ students across various disciplines and classifications in pre-writing, thesis construction, argumentation, resume review, and revision

Alternative Communications in Aviation Technology, *Spelman College*   Jan 2015 – Present
Lead Research Assistant
- o Assist Dr. Brandeis Marshall with research utilizing the Twitter API for real-time data acquisition to craft a virtual air dispatch system using database clustering in MySQL; *2nd Place at Spelman College's Research Day, Spring 2016*
- o Develop the framework using Python, and Tweepy package for accessing the Twitter API and streaming tweets
- o Co-authored a research guide for Dr. Marshall to help with the onboarding process for novice research assistants

LEADERSHIP

Spelbots: Spelman College's Robotics Team, *Atlanta, GA*   Jan 2015 – Present
Outreach Lead
- o Develop engaging 1-hour outreach activities to expose young girls of color to computer science through pair-programming with NAO robots
- o Outreach engagements: CS4ALL Chicago tour to middle and high schools, Georgia Tech's Future Tech Day, IBM Excite

Association for Computing Machinery   Sep 2014 – Present
Vice President
- o Planned and hosted the inaugural CS Homecoming Alumnae Mixer and Panel for 35+ alumnae and students
- o Tailor strategy and marketing techniques to help promote technology focused events for the Computer Science department

Raising Expectations *Atlanta, GA*   Jan 2015 – Jul 2016
Math Tutor
- o Tutor 10 high school freshman at John F. Kennedy High School in math and science concepts in preparation for state testing
- o Assist STEM Course Leader in lesson planning, conflict management, and maintenance of 15 student records

Spelman College Student Ambassador Program   Jan 2014 – May 2015
Student Ambassador
- o Engaged prospective students interested in Spelman College by providing weekly 1-hour campus tours
- o Served as Dorm Captain for Abby Hall during Admitted Students Weekend running check-in and resolving conflicts for 100+ girls

PROJECTS AND HACKATHONS

Capstone Project of CS 470 iOS Mobile App Development *Spelman College*   Dec 2015
- o Built and prototyped **receipt'a**, a clean native iOS application that allows everyday users to snap photos of their receipts and store them for quick retrieval during returns, and managing finances; Language: Swift

Black Enterprise Tech ConneXt Summit HBCU Hackathon *Santa Clara, CA*   Oct 2015
- o In less than 24 hours, team created a native iOS application called **piggy** to help young millennials manage their finances through learning to save incrementally; Tool: Capital One API; Language: Swift

INNOCASE   Feb 2015 – June 2015
- o Presented at Lightening Talk during the White House Citizen Science Forum in Washington D.C. in September 2015
- o Led a team of four student engineers to develop INNOCASE prototype for the 2015 HBCU Making for Change Showcase in DC
- o INNOCASE is a low-cost smart case with embedded health sensors that allows disadvantaged communities to receive information about their health in real time using our app; Tools: Arduino, Google App Inventor

SUMMITS 2016 Hi-TEC Conference Keynote Speaker (July 2016), 2016 WICERS ATL Women in STEM Panelist (April 2016), UNCF HBCU ICE (Innovation, Commercialization, and Entrepreneurship) Summit in Silicon Valley (November 2016), Google BOLD (Building Opportunities for Leadership Development) Immersion Program Participant (August 2015), Google BOLD Discovery Program Participant (June 2014), Bank of America's Inaugural Undergraduate Finance Leadership Summit (June 2014) • **ORGANIZATIONS** Spelman College Peer Education Programmer (PEPer), Spelman Maker/Innovation Space, STARS Computing Corps, Atlanta BDPA