Valuable Sheffey

Email: vivieltwixt@unm.edu **Phone**: (505) 604-5424

Education

Bachelor of Science, Computer Science with Biology minor
University of New Mexico (UNM) (**GPA:** 3.54)
UNM Regents Scholar, honors academic scholarship (Aug. *2013–May. 2017*)
***AHIMA Certified Coding Specialist* (CCS)** (*Dec. 2012 to Mar. 2017*)

Technical Skills

Computer Science
- Experience in Java, C, Haskell
- Exposure to Scheme, C #, C++, Microsoft phone apps, Microsoft's Speech API, Android phone apps, LibGdx, ROS, Gazebo, Eclipse, IntelliJ, Git, Linux, Windows

Medical Coding
CITRIX, 3M, EPIC, Themis, ICD-10, medical terminology, anatomy and physiology

Experience

Moses Biological Computation Laboratory, Research Intern | *University of New Mexico | May - July 2017*
- Implemented ant-inspired search algorithm, Central Place Foraging Algorithm, in robot simulator Gazebo
- Assisted in RSS Swarmathon Hackathon technical planning and set-up
- Served as an advisor to participants in the RSS Swarmathon Hackathon held at Lesley University
- *http://valuablesheffeydreu2017.weebly.com/*

Busy Beeway, Undergrad Research Assistant | *University of New Mexico | Aug 2015 – May 2017*
- Assisting in human-computer interaction research through a mobile app developed for user studies to record human reliance on automation to complete an obstacle course of stochastic objects
- *https://www.cs.unm.edu/amprg/Research/BusyBeeway/*

Who Got Next?, NSBE Google Hackathon Participant | *NSBE Annual Convention| Mar 2016*
- Worked on a team to code Android app for resolving conflicts over turns in sport/game situations
- Received Award for Most Agile Team

Platform-Agnostic Voice-Operated Home Automation App, Research Intern | *University of Alabama | May - July 2015*
- Assisted in initializing the building a platform-agnostic home automation app operated via voice recognition to improve the lives of elders and those with disabilities
- *http://valuablesheffeydreu.weebly.com/*

Peak Health Solutions, Outpatient Medical Coder | *Monroe, NC | Feb 2013 – Feb 2015*
- Converted medical records to the appropriate ICD-9, CPT, HCPCS codes, per coding guidelines.
- Reviewed ER, Radiology, Dental, Observation, and Outpatient Surgery accounts for appropriate code assignment

Leadership Experience and Awards

Outstanding Senior, CS Department (*Spring 2017****)***

Citizenship Award (*Spring 2017****)***
- For demonstrating outstanding leadership skills and having provided continued service to the University and the community through her endeavors, helpfulness, good spirit, and cooperation

President of UNM National Society of Black Engineers (NSBE), *May 2016 - May 2017*

Treasurer of UNM National Society of Black Engineers (NSBE)*, Aug 2015 - May 2016*
- NSBE BCA Scholar, for showing great achievement in the academic arena and dedicated service to NSBE and her local campus community *(March. 2016)*

Bulletin Editor for UNM Collegiate Kiwanis (CKI) (*April 2015 – April 2016*)
- Updated and maintained website: *www.unmcki.org*
- Designed club newsletters (Aug 2015 - Mar 2016) : *www.unmcki.org/newsletters.html*
- Received Distinguished Bulletin Editor Award *(Mar 2016)*

Presentations

Valuable Sheffey, "Human-Automation Collaboration: Let's Get There Together", Poster at the **Becoming a Robot Guru 2 Workshop at Robotics Science and Systems Conference**, Ann Arbor, Michigan, June 2016.

Laura Patrizi, Daniel Gomez, Valuable Sheffey, "Human-Automation Collaboration: Let's Get There Together", Poster at the **Organization, Information, and Learning Sciences Expo**, Albuquerque, New Mexico, April 2016.