Denzel Ketter Curriculum vitae

Email: dketter1@umbc.edu Portfolio: github.com/zelmundo94

Education

University of Maryland – Baltimore County, Baltimore, MD — Expected graduation: December 2018
B.S., Information Systems – Entrepreneurship Minor — Major GPA: 3.1

Related Courses:
- Calculus I
- Finite Math
- Statistics
- Mgmt. of Information Systems
- Human Computer Interaction
- Technical Writing
- Python Programming
- Java Programming (I & II)
- Java GUI Systems

Shippensburg University – Shippensburg, PA — August 2012 – December 2013
Recipient of Frances M. Banks scholarship (2013)

Technical Skills

Languages: Python, C++, Java, Swift, Node, Ruby
Design: HTML5, CSS3, Javascript, jQuery, Django, React.js, Ember.js,
Software: Adobe Suite, Xcode, IntelliJ, Microsoft VS, Git, Sublime Text, OpenCV, Android Studio
Areas: Human-Computer Interaction, Accessibility, Product Design, Web Development

Work Experience/Projects

CIIGAR Labs — Raleigh, NC
Computer Vision Research Intern — *(May 2017 – August 2017)*
- Implemented motion tracking detection into a crate training protocol for sheltered canines
- Tested the protocol successfully with nine dogs using OpenCV and augmented reality libraries

Human Engineering Research Labs — Pittsburgh, PA
Assistive Technology Research Intern — (*May 2016 – July 2016)*
- Created AroundMe, a Bluetooth-low-energy enabled accessibility service for disabled users
- Used Android Studio, Estimote beacon devices, and third party libraries to create the app

NASA Goddard Space Flight Center — Greenbelt, MD
Software Development Intern — *(May 2015 – August 2015)*
- Created PROS, a user-friendly web service that assigned organizational roles to employees at NASA
- Updated PaST, a web application that tracked all NASA property using an identification number

MyoPass — Baltimore, MD
2014 UMBC Hackathon Participant — (*September 2014 – October 2014)*
- Worked on hacking a gestural device named the MyoBand to input characters into empty text fields.
- Used key logging data and Lua, a subset language of C, to create the hack

PUBLICATIONS

Carrington, P., Ketter, D., and Hurst, A. (2017) Understanding Fatigue and Stamina Management Opportunities and Challenges in Wheelchair Basketball. Proceedings of ACM SIGACCESS Conference on Computers and Accessibility (ASSETS 2017). ACM.

Leadership Activities

- Senator and Program Chair Emeritus on the National Society of Black Engineers executive board
- DJ Manager of WMBC radio where I handle technical equipment, manage campus DJs, and perform
- Led a team in CodePath program where I designed iOS apps weekly and hosted them on Github repos
- Working with AIM, an academic mentorship organization for middle school-aged kids that are at risk