

Ishmael Johnson-Bey

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EDUCATION

University of Delaware, Newark, DE

Double Major: **Bachelor of Science in Computer Science** and **Bachelor of Science in Neuroscience**

Anticipated Graduation: Spring 2017

GPA: 3.2/4.0

SKILLS

Languages: C, C++, Java, C#, JavaScript (NodeJs), Lua, PHP

Software/Technologies: Unity Engine, OpenBCI

Testing Frameworks: FitNesse, Junit

RELATED EXPERIENCE

University of Delaware, Newark, DE

Teaching Assistant for "Introduction to Computer Science II"

(Feb 2017 – May 2017)

- Responsible for 20 students
- Led a lab course where students learned how to utilize Java and OOP principles
- Held weekly office hours to facilitate students' learning

SevOne, Newark, DE

Software Engineering Intern

(June 2016 – August 2016)

- Conducted manual tests and wrote acceptance tests for software components
- Maintained C++ and PHP code
- Addressed software defects critical to release

Microsoft, Newark, DE

Microsoft Student Partner

(August 2015 – June 2016)

- Led fun, informative monthly workshops on game development and professional development
- Collaborated with Microsoft professionals
- Maintained a Facebook group for connecting with student online

Johns Hopkins University Mind Brain Institute, Computational Neuroscience Laboratory, Baltimore, MD

Virtual Reality Developer / Research Intern

(June 2015 – August 2015)

- Utilized the Unity Engine, Google Cardboard VR, C#, and Android to develop a virtual reality environment for a research project involving head movement and human observation of visual scenes
- Learned about 3D math, VR design, data collection, and research experiment design

ATHLETICS, LEADERSHIP, & ACTIVITIES

Resources to Insure Successful Engineers (RISE), Student Advisory Council

(September 2014 - Present)

Computer Animation and Game Design Club, President

(May 2015 – May 2016)

University of Delaware Mascot Team, Team Captain

(May 2014 – May 2016)

PUBLICATIONS

Hu, Brain. Johnson-Bey, Ishmael. Sharma, Mansi. Niebur, Ernst. *Head movements during visual exploration of natural images in virtual reality*. Unpublished manuscript, Zanvyl Kieger Mind/Brain Institute, Johns Hopkins University, Baltimore, MD.