

# Alexander Whipp

---

14917 Braemar Crescent Way, Darnestown, MD, 20878

301.704.0944 | [awhipp@terpmail.umd.edu](mailto:awhipp@terpmail.umd.edu) | Web: <http://whipp-resume.us/> | LinkedIn: <http://lnkd.in/Fm9BCV>

## Education

---

### University of Maryland at College Park – 2011 to Present

B.S. in *Computer Science*, B.S. in *Psychology*, Minor in *Business Analytics*

Expected Graduation: May 2015

## Skills & Abilities

---

- |                          |                               |                   |
|--------------------------|-------------------------------|-------------------|
| • JAVA                   | • UNIX                        | • C / C++         |
| • Ruby                   | • Node.js                     | • Prolog          |
| • Python                 | • MATLAB                      | • API integration |
| • Android / Google Glass | • Spanish (Highly Proficient) | • OCAML           |

## Professional Experience

---

### Glassware Engineer – Independent Contractor

Curiosity Media – Fall 2014

- E-Learning Google Glass Application Development
- Frontend display of information retrieved from backend networking protocol

### Software Engineer – Strategic Innovation Group (SIG) Intern

Booz Allen Hamilton – Summer 2014

- Google Glass/Android Development
- AWS Server Backend Implementation
- Integration of Oculus Rift and AR Drone SDKs
- Dynamic Path Algorithm to be leveraged for a future contract

### Strategic Innovation Group (SIG) Externship Program

Booz Allen Hamilton – January 2014

- Big Data Calculations (Hadoop, Java, Finances)
- Web Application Penetration (Cross-site Scripting, SQL injection, Denial-of-Service)
- Agile Software Development Model Process

### Resident Assistant / Community Assistant

Department of Resident Life, University of Maryland – August 2012 to Present

## Other Experience

---

### Volunteer Software Data Modeling Developer—Hackathon For Hope

United States Holocaust Memorial Museum, August 2014

### Public Service Campaign and Defense—“Foneless Phood”

Spring 2014

### Artificial Intelligence Research Program—“A.I. We There Yet?”

August 2007 – June 2011