# Alexander K. Whipp

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## 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
- Ruby
- Python
- Android / Google Glass
- UNIX

- Node.js
- MATLAB
- Spanish (Highly Proficient)
- C / C++
- Prolog

- LP Formulation
- Linear Regression Analysis
- R
- API integration
- OCAML

## Professional Experience_____

**Google Glass Software 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, Value-at-Risk Finance)
- 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