Alexander 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_____

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, 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