

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

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|--------------------------|-------------------------------|------------------------------|
| • JAVA | • MATLAB | • Linear Regression Analysis |
| • Ruby | • Spanish (Highly Proficient) | • MySQL |
| • Python | • C / C++ | • CodeIgniter Framework |
| • Android / Google Glass | • Prolog | • PHP |
| • Javascript / HTML5 | • LP Formulation | • OCAML |

Professional Experience

Web & Mobile Developer

MyQVO, inc. – December 2014 to Present

- Integration and Deployment of Payment Services (ie: PayPal, and Stripe)
- PhoneGap Development (Mobile)
- Primary Focus: CodeIgniter PHP Framework for development of RESTful APIs for communication between database, mobile, and web interfaces.
- Secondary Focus: HTML5 with JQuery for development of web-based education games.

Google Glass Software Engineer – Independent Contractor

Curiosity Media – August 2014 to February 2015

- Built on Glass Development Kit (GDK)
- Network thread management
- Appropriate offline capabilities using cached information

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

Other Experience

Volunteer Software Data Modeling Developer—Hackathon For Hope

Public Service Campaign and Defense—“Foneless Phood”

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