

## EDUCATION

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| <b>Washington, DC</b>  | <b>George Washington University</b> | Fall 2011 - May 2015 |
| <ul style="list-style-type: none"><li>▪ <i>B.S. in Computer Engineering, Minor in Computer Science.</i></li><li>▪ Undergraduate Coursework (includes): Algorithms, Data Structures, Operating Systems, Mobile Development, Software Engineering, Computer Networks, Computer Architecture and Design, Computer Organization, Embedded Systems, Microcontroller Software/Hardware Design.</li></ul> |                                     |                      |

## WORK EXPERIENCE

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| <b>Android Engineer Intern</b>  | <b>Raytheon Blackbird Technologies</b> | Dec 2014 – Present    |
| <ul style="list-style-type: none"><li>▪ Designing and building native Android applications from ground-up to support company projects.</li><li>▪ Android applications built with emphasis on persistence, concurrency, and modularity.</li></ul>                |  |                       |
| <b>Android Developer Intern</b>   | <b>The Washington Post</b>             | June 2014 – Aug 2014  |
| <ul style="list-style-type: none"><li>▪ Implemented blackbox &amp; whitebox automation testing system for company flagship Android application.</li><li>▪ Other tasks included: bug fixes, feature designs, and continuous integration using Jenkins.</li></ul> |  |                       |
| <b>Mobile Web Developer Intern</b>  | <b>Federal Judicial Center</b>         | Feb 2014 – June 2014  |
| <ul style="list-style-type: none"><li>▪ Created internal websites for events/conferences specifically designed for mobile web use.</li><li>▪ Languages utilized mostly include front-end web tools (HTML, CSS, JavaScript) &amp; Dreamweaver.</li></ul>         |  |                       |
| <b>E-Commerce Developer Intern</b>  | <b>Citrisys Solutions</b>              | Dec 2013 – March 2014 |
| <ul style="list-style-type: none"><li>▪ Designed e-commerce web solutions using the Magento Framework.</li><li>▪ Included working on back-end servers, utilizing front-end web tools, and incorporating Amazon AWS.</li></ul>                                   |  |                       |
| <b>Information Technology Intern</b>  | <b>The Solutions Group</b>             | July 2012 – Sept 2013 |
| <ul style="list-style-type: none"><li>▪ Responded to first and second-tier tech related issues for over 100+ clients.</li><li>▪ Computer optimizations, hardware integration, on-site configurations, and software support.</li></ul>                           |  |                       |

## TECHNICAL EXPERIENCE

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### Projects (more at [github.com/muazra](https://github.com/muazra)):

- **Keyless Entry System** [Current]: Smart home technology to allow wireless locking and unlocking via unique facial recognition algorithms. Interfaced using Android & web application. Backend built via Flask & MongoDB.
- **Snapster** [Current]: Android app to allow for anonymous viewing/posting of images and videos from anywhere with an integrated reddit-style scoring algorithm. User options per post include: upvoting, downvoting, and flagging.
- **Fuse-XML** [Fall 2014]: File-system in Userspace written for the Linux kernel based on XML tree schema. Allows users to mount/unmount unique and original file systems to use in userspace. Design based on FUSE library.
- **Synchronous** [Fall 2014]: Android app that allows users to save their contact cards and share across other android devices. Data persistence using Parse backend service to integrate user objects and user sessions.
- **Wizard-WiFi** [Spring 2014]: Android app that toggles wireless network connection based on previously saved user locations. Automates process to conserve mobile data usage for user.
- **Simon-AVR** [Fall 2013]: Classic Simon LED Game built on a custom-built and soldered PCB. Programmed using AVR C and AVR microcontroller. Incorporates analog-to-digital conversion, eeprom, and serial programming.

### Languages and Technologies:

- Java, C (advanced), Python, HTML, CSS, JSON, XML (proficient), Javascript, SQL (prior experience).
- Android Studios, Eclipse (advanced). Flask, MongoDB, PyCharm, Git (proficient), AWS (prior experience).