

# MICHAEL CHI

mchi6.github.io • mchi6@gatech.edu • (678)514-9211

## OBJECTIVE

---

Personal strengths are being able to tackle individual and team challenges. Current goal is to gain experience in the field of computer science.

## EDUCATION

---

**Georgia Institute of Technology**  
B.S. in Computational Media

**Major GPA: 3.38**  
August 2013 – Present (December 2017)

## WORK EXPERIENCE

---

### Target Corporation

**Software Engineer Intern - Security Identity, Directory Services**

**Minneapolis, MN**

**Jun 2016 – Aug 2016**

- Designed and developed automation for creation process of non-user account requests in directory platform (Active Directory).
- Designed and developed an account risk scoring system based on group access and outputs associations for accounts/servers.
- Developed complete GUI tool that modifies employee directory attributes and updates network drive information.
- Contributed code to REST API development for securely calling Active Directory Powershell cmdlets on Mac and Linux.

### IBM

**Software Developer Intern - Big Data QA**

**San Jose, CA**

**May 2015 – Aug 2015**

- Developed test automation for IBM's Hadoop platform, from uninstallation of Hadoop on node clusters to reinstallation with latest build, using randomly generated or manually inputted cluster configurations.
- Development included Java frontend web and Java backend testing, automating test jobs, and software project management.
- Small and large scale node cluster set up of Hadoop components and IBM value add ons for penetration teams.

### Turner Broadcasting

**Web Developer Intern - PGA.com**

**Atlanta, GA**

**Jan 2016 – May 2016**

- Developed and contributed to Drupal modules for RyderCup.com (front/backend) on player scores/stats and site caching.
- Mentorship and technical exposure to CartoonNetwork.com frontend, API, and backend services (NodeJS, ExpressJS, JSP).
- Researched and presented future UI/UX improvements to directors and product managers of NBA.com as well as product and technical managers of PGA.com on future social media components including Facebook Instant Articles and Apple News.

### Emory University School of Medicine

**Web Design/Developer Intern**

**Atlanta, GA**

**Feb 2015 – Sept 2015**

- Frontend lead design and lead development for visual multimedia website to teach basic science concepts to medical students interactive media, using Adobe Photoshop, Illustrator, HTML, CSS, Javascript, JQuery, Bootstrap.

## SKILLS

---

**Programming:** Java, Python, PowerShell, C#, C, XML, JSON, MySQL, HTML/CSS, JavaScript, JQuery, PHP

**Platforms/Frameworks:** Windows Server/Security - [Active Directory/LDS, Forefront Identity Manager, Azure RMS]  
Web Dev and CMS - [REST API, Drupal, MAMP, Bootstrap, Sass, Grunt, NodeJS, ExpressJS]  
Test/Build and Monitoring - [Selenium WebDriver, Jenkins, Maven, Chef, DataDog, Power BI]  
Big Data - [Hadoop, Ambari]  
Source Control and PM - [Git, Github, BitBucket, Bamboo, JIRA]

**Software/Applications:** Visual Studio, Eclipse, Unity, Sublime Text, xCode, Android Studio, Adobe Photoshop, Illustrator, Flash, Dreamweaver, Blender 3D, Sony Vegas, MS Office

## ACTIVITIES

---

### Future Business Leaders of America

**Aug 2009 – Mar 2016**

- 2016 Georgia FBLA Judge – critiqued, rated, and commented on over 70 entries in categories including Mobile Application Development, Computer Game Simulation Programming, and Desktop Applications
- 2011 and 2013 Computer Game and Simulation Programming 3rd Place National Winner – end to end design/development
- 2013 Electronic Business 5th Place National Winner – end to end web design/development

### Personal Activities and Interests

- Basketball intramural team, Hip-hop dance team, Freestyle breakdance, Photography, Video Editing, Digital Art / Animation