MATTHEW COMPTON

OBJECTIVE

A position in the field of computer science as a software engineer,
utilizing my programming skill and passion to solve complex and interesting problems.

EDUCATION

UNIVERSITY	**Georgia Institute of Technology**	Atlanta, GA
DEGREE	**Master of Science, Computer Science**	08/13 - 05/16
GPA	**N/A** — 0 Completed Credit Hours	

UNIVERSITY	**Georgia Institute of Technology**	Atlanta, GA
DEGREE	**Bachelor of Science, Computer Science**	08/09 - 05/13
GPA	**3.50** — High Honors, Cooperative Plan	

WORK EXPERIENCE

EMPLOYER	**GTRI - ICL**	Atlanta, GA
POSITION	**Research Scientist I / Tech Temp**	5/13 - Present

- Designed and maintained a framework of testing for an XML Schema library
- Leveraged Bash and Python scripting skills to manage XML data

EMPLOYER	**GTRI - ICL**	Atlanta, GA
POSITION	**Undergraduate Research Assistant**	10/10 - 5/13

- Developed on NIEM and C2 Core with XML, XML Schema, and Java
- Coordinated in an Agile/XP development environment with SVN and Git

EMPLOYER	**GTRI - EOSL**	Atlanta, GA
POSITION	**Undergraduate Research Assistant**	06/12 - 08/12

- Collaborated on a small team to plan, develop, and test an Android application
- Interfaced with Facebook Android API (for SSO) and ESPN Data API (JSON)

SKILLS

LANGUAGES	Java, C, Python, Scala, Ruby, Assembly, Visual Basic 2008, ActionScript 3.0
	HTML, CSS, JavaScript, PHP, XML, XML Schema, XSLT, XPATH, Schematron
SYSTEMS	Linux (Linux Mint, Ubuntu, Ubuntu Server, Knoppix, GParted)
	Windows (95, 97, XP, Vista, 7)
ENVIRONMENTS	Eclipse, Netbeans, IntelliJ, Geany, oXygen, XML Spy, Dreamweaver, Emacs, Vim
TOOLS	SVN, Git, Ant, Maven, Jenkins, VirtualBox, VMWare, GIMP, Adobe Photoshop
DATABASES	MySQL, SQLite, PostgreSQL, Microsoft Access, JDBC
PRODUCTIVITY	JIRA, Pivotal Tracker, Notepad++, Microsoft/Open/Libre Office
OTHER	Android SDK, REGEX, JSON, LaTeX, Hadoop, MediaWiki, WordPress
	Bash/Batch scripting, VBA/Excel Macros, Agile/XP/Waterfall experience

ASSOCIATIONS

PROFESSIONAL	**IEEE** (Institute of Electrical and Electronics Engineers)	Student Member
	ACM (Association for Computing Machinery)	Student Member
HONOR	**Briaerean Honor Society** (Co-operative Education Honors)	Member
	Upsilon Pi Epsilon (Computer Science Honors)	Member
SOCIAL	**USCF** (United States Chess Federation)	Member
	Psi Upsilon (International Fraternity)	Pledge

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