

# Brian Williammee

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I am an experienced Android developer, available for contract work from my home office or on-site in Washington, DC. I have **6 years** of professional software development experience, including **3.5 years with Android**. I have built **8 Android apps** – 5 by myself and 3 in a small team setting. I planned and taught 2 Android development courses at Montgomery College in Summer 2012.

## Skills

<b>Platforms/Frameworks</b>	Android SDK, Java/EE, Struts 2, jQuery, iOS SDK, Rails
<b>Languages</b>	Java, JavaScript, JSP, XHTML, CSS, Objective-C, Ruby, HTML5, PHP, Bash scripting, C++
<b>Databases</b>	SQL Server 2005, SQLite, PostgreSQL
<b>Version Control</b>	Mercurial, CVS
<b>IDEs</b>	Eclipse IDE, IntelliJ IDEA, XCode/Interface Builder
<b>And More</b>	Threads, RESTful web services, AJAX, JSON, jQuery, XML, SOAP, Servlets, JUnit, Swing/AWT, Ant, XSLT, XPath

## Experience

### Independent Software Developer Dec 2008–Current Awesome Android Apps

- ◆ Real Estate Droid: #7 peak rank in Finance, 160,000 downloads
- ◆ Beat The Joker Slots: #4 peak rank in Cards & Casino, 410,000 downloads
- ◆ Zombie Jackpot Madness: #38 peak rank in Cards & Casino, 130,000 downloads
- ◆ Completed development contracts for savvy apps, Element84, NearChaos, Admoda
- ◆ Publisher/strategist for 7 other apps, over \$50,000 revenue to date
- ◆ Android, Java, web services, threads, flexible layouts, 2D drawing/animation, location, maps

### Lead Mobile Software Developer Nov 2010–Dec 2011 SmartBrief

- ◆ Designed and implemented SmartBrief Android app: 17,000 downloads, 4.4 rating
- ◆ Managed SmartBrief iOS project: #1 peak rank in News, 23,000 downloads, 4.6 rating
- ◆ Hired 14 employees (wrote job descriptions, attended career fairs, conducted interviews)
- ◆ Managed 3 developers
- ◆ Performed usability testing
- ◆ Provided technical and business insight to development time lines, feature prioritization, strategy, marketing

- ◆ Built familiarity with Objective-C and Cocoa Touch
- ◆ Extended of ad-serving platform to mobile, complete implementation (back-end to front-end)
- ◆ Android, Java, web services, threads, background services, SQLite, flexible layouts, Flurry

## **Senior Software Developer**

**Sep 2008–Nov 2010**

### **SmartBrief**

- ◆ Full life-cycle development for enterprise web applications using Java EE
- ◆ Created an iPhone web app with innovative content browsing scheme (HTML5 local database, canvas library, AJAX, web services)
- ◆ Created a simulation engine for an in-house ad-serving product (lead 2 developers)
- ◆ Designed/implemented web scraping system around 3rd party tools (Kapow Web Data Server) to source content for automated news discovery
- ◆ Trained and mentored intern, junior, and mid-level developers
- ◆ Java, JSP, Servlets, Tomcat, SQL, Struts 2, JavaScript, jQuery, AJAX, JSON, XML, Spring

## **Software Developer**

**Jun 2006–Aug 2008**

### **Lightning Gaming**

- ◆ Full life-cycle development on automated gaming platform for poker and slot play in casinos
- ◆ Created Game rules, betting logic, configuration options, and reporting
- ◆ Led product design and development for a multi-player slot tournament product
- ◆ Shepherded new products and new releases through stringent GLI certification
- ◆ Java, Swing, PHP, PostgreSQL, threads, JavaScript

## **Professional Poker Player**

**Feb 2005–Jun 2006**

- ◆ Analyzed strategy, probability, game theory, and psychology of a variety of poker games
- ◆ Employed skills online and in physical casinos to maximize value relative to risk
- ◆ Kept extensive records, performed statistical analysis to determine capital requirements
- ◆ Published essay on the relation between mathematics and intuition in poker, *Two Plus Two Magazine* (June 2005)

## **Associate Network Security Analyst**

**Aug 2003–Feb 2005**

### **Freddie Mac**

- ◆ Administered 23 firewalls, 14 intrusion detection systems, 45 wireless security sensors, and 14 load balancers with a team of 5 other analysts
- ◆ Participated in intrusion detection system and wireless security initiatives: research and product selection, infrastructure design, roll-out planning/coordination, implementation

## **Education**

### **Bachelor of Science, Computer Science**

**Aug 2000–Aug 2003**

### **University of Maryland, College Park**

- ◆ Concentration in Mathematics
- ◆ University Honors Program citation
- ◆ National Merit Scholar, President's Scholarship
- ◆ 3.15 GPA