

# DMITRI AMARIEI

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## SKILL SUMMARY

- Strong knowledge of object-oriented programming concepts, design patterns, testing practices and the software development life cycle
- Hard-working, quick learner, and goal-oriented
- Work well in a team to complete tasks within given deadlines
- Experience working in different startup environments

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## TECHNICAL SKILLS

- **Programming Languages:** Objective-C, Meteor.js and Node, CoffeeScript, HTML5/CSS3, MongoDB, Java+JSP, Ruby/Rails, Python, C++, SQL
- **Operating Systems:** Mac OSX, GNU/Linux and UNIX Systems, Windows XP/VISTA/7
- **Applications:** Xcode, Visual Studio, Git, Unix Shells, Web Developer Tools, AutoCAD
- **Hardware:** Digital Hardware Systems, Verilog, Microcontrollers, Raspberry Pi

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## RELEVANT EXPERIENCE

- Developed an e-commerce web app which lets users pay for their favorite web services with Bitcoins – <http://bit2gift.com> [Meteor.js, CoffeeScript, HTML5/CSS3, MongoDB]
- Designed and developed an iOS app and supporting backend services including auth, data handling, transaction processing and security – App Store Link: <http://bit.ly/ZiN8p> [Objective-C, Java, MySQL]
- Web Development Online Courses from Stanford University [Ruby/Rails, HTML5]
- Created a library to allow syncing of playlists between different music streaming services (i.e Google Music and Spotify) [Python]
- Designed and programmed a multi-player real-time 2D game with multi-threading, networking, and a custom game engine [Java]
- Developed an app to transfer data between PCs and iPods [C#, C Libraries]

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## WORK EXPERIENCE

Self-Employed August 2012 – Present	<b>Bit2Gift.com</b> <ul style="list-style-type: none"><li>• Designed an online store where customers can pay for their favorite web services with Bitcoins</li><li>• Built using the latest web technologies including Meteor.js, HTML5, CSS3, CoffeeScript and MongoDB</li><li>• Interfacing with payment processing and 3rd party authentication APIs</li></ul> <b>Game Plugins</b> <ul style="list-style-type: none"><li>• Developed an extensive multiplayer game server plugin (for Minecraft) with completely overhauled gamemodes using Java and SQLite</li><li>• Featuring integration of a subscription payment system for players</li></ul>	Toronto, ON
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Intuit Canada ULC September 2011 – May 2012	<b>Software Engineer (iOS Apps/Enterprise Web Services)</b> <ul style="list-style-type: none"> <li>Designed, Developed, and Deployed a new Enterprise-Scale iOS app (internal startup) with a small team of developers - <a href="http://bit.ly/ZiN8pp">http://bit.ly/ZiN8pp</a></li> <li>App was rated "App of the Week" and #1 under Finance multiple times</li> <li>Wrote the RESTful backend services for the app (data storage, transaction processing, user auth) using Java/J2EE</li> <li>Experience working with sensitive data (tax info) and third-party APIs such as the Canadian Revenue Agency's Services</li> <li>Performed app security and penetration testing</li> <li>Analyzed and maintained production backend services and storage DBs</li> </ul>	Toronto, ON
ConceptWave Software Inc. December 2010 – April 2011	<b>Developer/QA Analyst</b> <ul style="list-style-type: none"> <li>Created new testing tools and libraries using JavaScript/Java</li> <li>Created Automated Tests using JavaScript</li> <li>Analyzed app and database performance</li> </ul>	Mississauga, ON

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## EDUCATION

University of Waterloo 2010-2011	<b>Systems Design Engineering</b> <ul style="list-style-type: none"> <li>Digital Systems/Systems Programming</li> <li>Project Design and Team Management</li> <li>Robotics Team</li> <li>Parkour Club</li> </ul>	Waterloo, ON
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## HONOURS AND AWARDS

- Calculus AB — AP Mathematics Exam:** Received a grade of "Well Qualified"
- Sir Isaac Newton Physics Contest:** May 2010, University of Waterloo
- Chief Scout Award:** Presented for outstanding Citizenship, Leadership, Personal Development, and Outdoor Skills
- Basic First Aid and CPR Level A,B,C Certificates:** Toronto EMS

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## INTERESTS AND OTHER SKILLS

- Language Skills:** English, Russian
- Hobbies:** Taking things apart, Camping, Hiking, Traveling/Exploring
- Athletics:** Swimming, Parkour, Airsoft, Soccer, Skiing

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## REFERENCES

Available Upon Request.