

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

TECHNICAL SKILLS

- **Programming Languages:** Objective-C, Meteor.js and Node, CoffeScript, 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

RELEVANT EXPERIENCE

- Developed an e-commerce web app which lets users pay for their favorite web services with Bitcoins – <http://bit2gift.com> [Meteor.js, CoffeScript, 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]

WORK EXPERIENCE

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

EDUCATION

University of Waterloo 2010-2011	Systems Design Engineering <ul style="list-style-type: none"> Digital Systems/Systems Programming Project Design and Team Management Robotics Team Parkour Club 	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

INTERESTS AND OTHER SKILLS

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

REFERENCES

Available Upon Request.