DMITRI AMARIEI

DMITRI.AMARIEI@GMAIL.COM. (416) 889-7706. GITHUB.COM/DAMARIEI
1173 GRYPHON MEWS, MISSISSAUGA, ON, CANADA. L4W3C9.

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, 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, 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, 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 • 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, and MongoDB • Interfacing with payment processing and 3rd party authentication APIs Game Plugins • 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

Intuit Canada ULC September 2011 – May 2012	Software Engineer (iOS Apps/Enterprise Web Services) • 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 • 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 • Digital Systems/Systems Programming • Project Design and Team Management • Robotics Team • Parkour Club	Waterloo, ON

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.