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Arvin Rezvanpour

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Objective: Intern as a Software Engineer to develop new ideas with top engineers and strive for technical depth

Work Experience:

Teaching Assistant, University of Toronto – Toronto, CA   **Sept 1, 2014 – Present**

Software Development Engineer Intern, Amazon.com – Seattle, USA   **May 13, 2014 – Aug 1, 2013**

- Worked on **distributed computing** systems in **Amazon Web Services – Simple Storage Solution (S3)** indexing team.
- Developed a service to remove stale data in DynamoDB tables in order to save data space and money.
- Improved an existing backend service to handle 25,000 TPS and scale in the long run (handling more requests/second)
- Followed Test Driven Development model and worked in bi weekly sprints with deliverables and daily team standups

Agile Engineer Intern, Xtreme Labs – Toronto, CA   **April 29, 2013 – Aug 30. 2013**

- Developed first phase of a popular retail app on iOS 6 targeting iPhone and iTouch as part of a large development team
- Engineered App data handling to integrate with open source AFNetworking and CoreData to improve performance
- Extensive use of Git version control and user story tracking to collaborate with a large team

Education:

Bachelor of Science in Computer Science *(Specialist Program) + Economics Minor*   *Sept. 2011 - Present*
University of Toronto, St. George Campus   Expected graduation in May 2015
3.63 Cumulative GPA, Dean's list

Interesting Courses: Neural Networks and Machine Learning, Engineering Large Software Systems, **Algorithm Design & Analysis**, Data Structures, **Operating Systems**, Intro to Databases, Intro to Artificial Intelligence, Computer Networks

Skills Summary:

- Proficient in **Python**, **Java**, **C** through side projects, and courses taken in school
- Professional development experience in **Objective-C** creating **mobile applications** on **iOS 6** platform and familiar with developing for **Android** (+4.0)
- Experience developing with PHP, Javascript, JQuery, HTML5/CSS3, bash (UNIX shell) scripts, prolog (AI), matlab, R (statistical computing), Verilog (hardware programming), and **SQL** through side projects and school
- Experience using **Git**, UNIX based OS (OS X, Redhat, Debian), Intellij IDE, Xcode, Sublime Text, Vim

Personal Projects:

UofT Timetable Generator   **June 2012**
Web App to auto generate timetables based on preferences and a list of courses (personal project)
- Acquired **10,000 unique visitors** + 120k page views during July course enrollment
- Completed in under 2 weeks in a group with 3 other students

Pokémon Contacts   **Sept 2013**
Android app to update personal contact images with different Pokémon, either randomly or custom (6000+ downloads)
- Designed and developed application for optimal performance following best practices to manage 800 images

Volunteer Experience:

Ambassador, *Department of Computer Science, University of Toronto*   *Sept.2012 – Sept 2013*

Achievements:

- Dean's list at University of Toronto 2011-2013
- Worts Lennox Smart Scholarship 2013
- **NSERC** (Natural Sciences and Engineering Research Council of Canada) Research Grant 2013