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:

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

  ▪ Introduction to Computer Programming, CSC108 - Fall and Winter session

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

  ▪ Worked on **distributed computing** systems in **Amazon Web Services – Simple Storage Solution (S3)** indexing team.
  ▪ Improved an existing backend service to handle 25,000 transactions per second and to scale in the long run
  ▪ Implemented a distributed garbage collector to delete stale indexes and data off S3 log plane.
  ▪ Followed Test Driven Development model and worked in bi weekly sprints with deliverables and daily team standups

Pivotal Labs, Agile Engineer Intern – Toronto, CA   April 2013 – Aug 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

Education:

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

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

Skills Summary:

  ▪ Proficient in **Python**, **Java**, **C** through side projects, and courses taken in school
  ▪ Familiar with **TCP/IP**, computer networks, and network programming in C
  ▪ Front + backend web development using Django and PHP+CodeIgnitor, CSS3, JavaScript, HTML5, SQL, JQuery
  ▪ Development experience in **Objective-C** on **iOS 6** and familiar with developing for **Android** (+4.0)
  ▪ Experience using **Git**, UNIX based OS (OS X, Redhat, Debian), Sublime Text, Intellij IDE, Vim, Xcode

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 – Present*

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