

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

- Collaborate with a team of TAs to mark exams (800+) and assignments for Introduction to Computer Programming

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

- Worked on **distributed computing** systems in **Amazon Web Services – Simple Storage Solution (S3)** indexing team.
- Improved a critical 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

Xtreme 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
3.50 Cumulative GPA, Dean's list

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

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
- Mobile 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-Present
- Worts Lennox Smart Scholarship 2013
- **NSERC** (Natural Sciences and Engineering Research Council of Canada) Research Grant 2013