Jamil Dhanani

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Education

Stanford University – Artificial Intelligence, Non-Degree Option – April 2018 to Present
- Academics: CS231n, Convolutional Networks for Visual Recognition

University of Toronto – BASc, Computer Engineering – 2012-2017 – 3.82 GPA

Bachelor of Applied Science in Engineering: Major in Computer Engineering
- Academics: A+ in Artificial Intelligence, Natural Language Computing, Computer Organization (architecture and assembly programming), Digital Systems (Verilog, hardware design), Programming Fundamentals (C++, OOP principles), A in Machine Learning and Inference Algorithms
- Honours, Participation: Dean's List, recipient of President's Entrance Scholarship, Member of the University of Toronto Aeronautics Team (UTAT), Hacker Academy, and LGBTQase (LGBTQ and Allies in Science and Engineering)

Work Experience

Software Engineer, Siri Advanced Development – **Apple, Inc.** – Cupertino, California — May 2016 – August 2016
- Prototyping and developing future Siri features and technologies within the Siri Experience Prototyping team in the Siri Advanced Development Group
- Languages and tools: Objective-C, JavaScript, Python

Software Engineer (Intern) – **Apple, Inc.** – Cupertino, California — May 2016 – August 2016
- iWork for iCloud team, worked on a natural language processing-based tool for productivity applications, presented and demonstrated the project results to two Vice Presidents at Apple.
- Languages and tools: Objective-C, JavaScript

Research Assistant – Univ. of Toronto, **Multimedia Lab, Intelligent Sensory Microsystems Lab** — Oct 2015 – Apr 2016
- Identified and developed a predictive machine learning model to forecast driver behavior on the road, and the effects of lack of sleep on drivers, incorporating data from brain-computer interface systems, including EEG data, and driving simulations
- Languages and tools: MATLAB, R

Software Engineer – **Intel** (then **Altera**) – San Jose, California and Toronto, Canada — May 2014 – Sept 2015
- Member of the Quartus II GUI team; worked on both server- and client-side code to support the Altera Cloud infrastructure, a tool which allows customers to run their compilations on both private and public cloud servers.
- Developed a REST API which allows clients to upload their hardware designs and launch remote compilations, and worked on a C++ wrapper around libcurl to make easy HTTP requests.
- Languages and tools: Django/Python, JavaScript, C++, SQL, Mongo

iOS Developer, **Individual** – Toronto, Canada — 2008 – 2013
- Created several iOS applications, including TotalGPS and Cirrus, an app which delivers aviation weather (METARs) for a given airport and parses them to display the data from the specific METAR components. 25,000 app downloads (16,500 paid) since 2008
- Languages and tools: Objective-C, OpenGL ES, Cocoa

Skills

3+ years	2 years	<1 year
Python, JavaScript, C++, Objective-C	Verilog, Haskell, LISP	Swift, Node.js, R, MATLAB