Aditya Keerthi

Software Developer

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Skills

Languages

Objective-C, Swift, Python, C/C++, JavaScript, HTML/CSS

Technologies

iOS, Flask, Node.js, Express, AngularJS, JQuery, Git, MongoDB, Heroku, Bootstrap, Adobe AIR

Tools

Xcode, Sublime Text, Terminal, SourceTree, PyCharm, Adobe Photoshop, Adobe Flash, Energia

Education

University of Waterloo (2015-2020)

Bachelor of Software Engineering (BSE)

Stanford University - Coursera (2015)

Design and Analysis of Algorithms, Part I

Awards

Canadian Computing Competition (Junior Division)

Ontario Central and West Winner, Perfect Score

DECA Marketing Team Decision Making Event

4th Overall at the Ontario Provincial Competition

Top 15 Roleplay at the Ontario Provincial Competition

Top 10 Written at the Peel Regional Competition

DECA Financial Services Team Decision Making Event

Top 15 Written at the Ontario Provincial Competition

Volunteering

Computer Buddies (October 2014 - March 2015)

Mississauga Library System
- Taught senior citizens computer and internet basics
- Developed a customized curriculum for each student

Interests

Hackathons, Film, Cooking, Basketball, Trivia, Economics

Experience

iOS Developer Intern (May 2015 - August 2015)

Scotiabank
- Developed an app for Scotia McLeod Wealth Advisors using Objective-C, UIKit and other iOS frameworks
- Reduced memory leaks and resolved performance issues by refactoring legacy code
- Interfaced with Salesforce data and internal REST APIs
- Worked closely with developers, designers and analysts to fulfill the needs of the business

Instructor (2011 - 2015)

Tuts+
- Wrote two programming tutorials for ActiveTuts+ and one tutorial for GameDevelopmentTuts+
- Developed Commando, a Flash debugger capable of changing code at runtime

Projects

Pipio
- Created an iOS application that performs sentiment analysis on tweets, organizing them to help marketers
- Integrated the Twitter REST API and a sentiment analysis API, and parsed JSON data into a readable format
- Utilized multithreading to greatly improve speed, by performing API queries on a background thread

On This Day
- Created an API using Python and Flask, that returns information about a particular day in history as JSON
- Wrote an iOS application using Swift and Cocoa Touch, capable of consuming the Heroku-hosted API

Flattn.me
- Designed and built a URL shortener using the MEAN stack
- Created an API to generate random URLs with Node.js
- Developed a client-facing application using AngularJS
- Deployed project via Heroku and Cloudflare

C60
- Developed a Pebble Watch app for real-time networking, which works by simulating near field communication
- Built with Javascript, JQuery, PebbleJS, and Firebase
- Responsible for creating a web app for users to manage their account data, and integrating the Firebase backend