Aditya Keerthi

Software Developer

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Skills

Languages

Objective-C, Python, C, JavaScript, Swift, ActionScript 3, Visual Basic, HTML, CSS, ActionScript 2

Technologies

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

Software

Xcode, Sublime Text, SourceTree, Adobe Flash, Adobe Photoshop, PyCharm, Microsoft Excel

Education

University of Waterloo (2015-2020)

Bachelor of Software Engineering (BSE)

Activities: Hack the North, BostonHacks

Stanford University - Coursera (2015)

Design and Analysis of Algorithms, Part I

Glenforest Secondary School (2011-2015)

International Baccalaureate Diploma

Activities: Computer Science Club, DECA

Awards

DECA Marketing Team Decision Making Event

4th Overall at the DECA Ontario Provincial Competition
Top 15 Roleplay at the DECA Ontario Provincial Competition
Top 10 Written at the DECA Peel Regional Competition

Canadian Computing Competition (Junior Division)

Ontario Central and West Winner, Perfect Score

DECA Financial Services Team Decision Making Event

Top 15 Written at the DECA Ontario Provincial Competition

Experience

iOS Developer Intern (May 2015 - August 2015)
Scotiabank
- Developed, enhanced, modified and maintained an app for Scotia McLeod Wealth Advisors
- Gained extensive experience working with UIKit and other iOS frameworks
- Practiced OOP and followed the MVC design pattern
- Rewrote and refactored legacy code to follow best practices
- Reduced memory leaks and resolved performance issues
- Utilized Git for source control, through a command-line and GUI interface
- Interfaced with Salesforce data and internal APIs
- Worked closely with developers, designers and analysts to fulfill the needs of the business

Projects

C60
Hack the North
- 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 Firebase

Pipio
Tech Retreat
- Created an iOS application that analyzes the sentiment of popular tweets (searchable by hashtags)
- Interfaced with REST APIs and parsed JSON data (from Twitter and a sentiment analysis API)
- Optimized API queries using background threads

Cover Grabber
- Built an application for BlackBerry 10, capable of grabbing album art, using ActionScript 3
- Utilized last.fm API and developed custom reverse lookup API (find album title by song)
- Featured on CrackBerry.com, the world's largest site for BlackBerry-related information
- Participated in the BlackBerry 10 Dev Alpha Program