Braden Michael Harris Katzman

(714) 299-5225, bradenkatzman@gmail.com

Website: bradenkatzman.github.io - **Github**: github.com/bradenkatzman

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Interests

Artificial Intelligence, Computer Vision, Graphics, Android, Computational Biology

Education

Columbia University in the City of New York
> Major: B.A. in Computer Science (Intelligent Systems)
> Expected Graduation: May 2017

Stanford University
> Summer Session - Intensive Program in Computer Science
> Completed: August 15, 2015

Skills

Languages: C, C++, Java, Python, Javascript, XML, HTML5, CSS
Operating Systems: OS X, Linux, Android, Windows
Environments: Git/Github, Eclipse, Android Studio, XCode, Visual Studio
Experience: Graphics, Android development, Java GUIs, Web apps, HTTP, TCP/IP
APIs, Tools, Architectures: OpenGL, JavaFX, Sockets API, MVC, Flask, MongoDB

Professional Experience

Sloan Kettering Cancer Center - Zhirong Bao Developmental Biology Lab: 8/15 - present
> Java GUI applications for cell biology research - graphical cell rendering

Columbia University Software Systems Laboratory: 8/15 - present
> Android Deep Linking, Machine Learning and data extraction

Dolfyn - Mobility division of *Accrete Solutions, LLC*: 3/15 - present
> Mobile Application Developer (Journey Development Platform - XML/Javascript)

Projects (all code bases available on github.com/bradenkatzman)

Personal:
> *OpenGL* - mesh rendering, texturing, shading and reflection, noise reduction
> *lcsconline.com, lculpa.herokuapp.com* - HTML5/CSS, Javascript, Python

Professional:
> *WormGUIDES (Sloan Kettering)* - Graphical cell biology software (JavaFX)
> *Android (CU Lab)* - Contributing to *DuckDuckGo*, building DeepLink developer tool
> *Web Server (Dolfyn)* - Server pushing JSON to database (ASP.NET)