Braden Michael Harris Katzman

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Interests

Operating Systems, UI Design, Programming Languages and Compilers, Embedded Systems, Computer Graphics

Education

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

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

Skills

Languages: C, C++, C#, Java, Python, Javascript, Shell Scripting, HTML5, CSS, SQL
Operating Systems: UNIX, Linux, OS X, Microsoft Windows
Environments: Git/Github, XCode, Eclipse, Visual Studio
Experience: HTTP, TCP/IP, Server-side programs, Client-side programs, graphics
APIs, Tools, Frameworks: Sockets API, OpenGL, Make/gdb, ASP.NET, Flask, MongoDB

Projects

Personal:
    OpenGL - Rasterization, .obj mesh rendering, texture mapping, shading and reflection models, Fast Noise Reduction Algorithm
    LCSC Website - Student Council website in HTML5/CSS and Javascript
    LCULPA - Professor review website for List College (JTS) based on CULPA

Work:
    Web Server - Third party server web form pushing JSON data to backend application database - C# and front end development in Visual Studio - ASP.NET

Professional Experience

Sloan Kettering Cancer Center - Developmental Biology Lab: August 2015-present
    Cell model and image processing for cell development research
Columbia University Software Systems Laboratory: August 2015-present
    Undergraduate Research Projects
Dolfyn - Mobility division of *Accrete Solutions, LLC*: March 2015-present
    Mobile App Developer (Journey Development Platform - XML/Javascript)