KEVIN CALDWELL

iOS Engineer

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SKILLS:

Swift/ iOS App Development	**Python**	**C / C++**	**TCP / IP / UDP Networking Protocol**
Raspberry Pi	**Arduino**	**PCB Design**	**3D Modeling**

EDUCATION:

Make School - San Francisco, CA   **2015 - 2017 (Expected)**
Electrical Engineering, iOS Development, Full-Stack Web Development, Entrepreneurship
Make School builds a foundation of computer science through software engineering, basic electrical engineering,, working in teams, and shipping real-world products. Curriculum encompasses Internet of Things, Swift iOS app development, and full-stack web development.

State University of New York at Purchase - Purchase, NY   **May 2013**
Bachelor of Arts - Media, Society & the Arts
Using cultural theory, cultural production, and DIY aesthetic to explore the roles that media technologies and the arts play in everyday life.

PROJECTS:

xBAND - P2P Radio Mesh Network   **Feb 2016 - Current**
- Working within a mentor-guided team, developed a low-cost ISM radio with an Arduino to create a P2P mesh network capable of bridging internet connectivity from one access point node to many client nodes. Personally involved in hardware engineering, schematic and PCB design, along with firmware and network protocol implementation.
- **Core Technologies:** C/ C++, Python, Java, React Native, ISM Radio Transceivers, Arduino, EagleCAD, TCP/ UDP/ Mulitcast

Viewtiful - iPhone App to Remote-Control IoT Camera   **Nov 2015 - Jan 2016**
- An improvement upon a previous IoT project (Selfie Swipey), product features include movement detection to trigger phone notifications, remote live-streaming over TCP socket connection and photo capture, housed within a custom Star Wars-inspired 3D printed case.
- **Core Technologies:** Swift/ iOS, C/ C++, Python, Raspberry Pi, Arduino, TCP/IP sockets

EXPERIENCE:

Social Media Marketing Intern   **July 2015 - Sep 2015**
3DP4E (3D Printing 4 Everyone), New York, NY
- Promoted content and ran promotions through social media accounts including Facebook, Twitter, Instagram, Tumblr and Pinterest.
- Composed a series of blog posts introducing 3D printing to children.
- Collaborated with other content creators of blogs and 3D printing websites including 3DPrint.com and hell0, Wonderful.
- **Tools:** Google Analytics, HootSuite, Repost, Adobe Photoshop

Web Development Intern   **Sep 2014 - Jan 2015**
StarChefs.com, New York, NY
- Supported debugging web pages and updating the back-end database of the company website.
- Applied HTML5/CS3 design and security principles.
- **Tools:** PHP, MySQL, Drupal, HTML and CSS