Project Offerings:
MyadVenture | UV Guardian | Ride-Keeper

Project Contact
Jerrid Matthews
PhD Candidate
Adviser, Technical Entrepreneurial Community
Email: matth122@ucla.edu

“People who never take risks ... end up working for those who do.”
The Technical Entrepreneurial Community

MyadVenture
Social Networking Recruiting Service

Presented by
Jerrid Matthews
Adviser, Technical Entrepreneurial Community

Website: www.tecbruins.org
Facebook: http://facebook.com/UCLA.TEC
“... to create a culture of entrepreneurship within the technical community of UCLA by offering seminars on entrepreneurial education and creating an environment for students to discuss, network, educate and start companies”
Our Goal

To create programs that help students create startups!
Dreamers Lab

Program Overview

- Provide comfortable setting for like-minded entrepreneurial students across all majors to connect and explore venture ideas around a single topic of interest

Website: www.tecbruins.org

Facebook: http://facebook.com/UCLA.TEC
There is NO way for UCLA students to continue growing their networks to connect with other entrepreneurial minded students outside of DreamersLab!
Welcome to MyadVenture!

Create your own venture and share ideas with others. You can specify the skillsets you need for your venture, and you can also search other users who have similar interests.

Sign in or Create Profile

Create Ventures
Create a venture for things you’re interested in. Look for others who have special skills and specializations.

Website: www.tecbruins.org

Meet People
Meet others who have similar interests.

Facebook: http://facebook.com/UCLA.TEC

Share Ideas
Share your ideas with others, or find others with similar ideas.
MyadVenture enables students to:
1. Highlight their skillsets and specializations
2. Showcase their own Ventures and Projects
3. Meet other entrepreneurial minded students with the skills you need to get some thrills!
4. Share cool thoughts and ideas and obtain community feedback through
Administration

Project Lead: Jerrid Matthews <matth122@ucla.edu>

Technology Requirement
• GRAILS MVC Development Framework
  • Java and JSP based

Number of Teams: 1
Ultraviolet Guardian

Real-time Ultraviolet Over-exposure protection for Sportswomen

Presenter:
Jerrid Matthews, PhD Candidate
University of California, Los Angeles
Skin Cancer Risk in the US

- In 1935, invasive melanoma risk was 1 in 1500
- In 1985, invasive melanoma risk was 1 in 150

*Risk is rising rapidly!!!*

- In 2010, over a million new cases were reported
Customer Workflow Diagram

How do consumers avoid over-exposure?

NOTE: Suntan lotion re-application notification integrated in some personal device applications (eg: Nevus)

Option 1: Weather.com – UV Index Forecast

Option 2: National Weather Service – UV Index Forecast
http://www.cpc.ncep.noaa.gov/products/stratosphere/uv_index/uv_current_map.shtml

What's the UV Intensity Level?

I can lookup Current UV Index from websites

I can... lookup Current UV Index using personal devices

$2.99 - Nevus Mobile Skin Companion

$75 - Speedo Woman’s UV Sensor Watch

$20 - Oregon Scientific UV Sensor
Customer Workflow Diagram

How do consumers track UV exposure?

Sorry no commercial solution exists
Customer Workflow Diagram

How do I know when to re-apply sunscreen?

All these applications require the user to set alarm reminders....

$2.99 - Nevus Mobile
Skin Companion

$1.03 – Sunscreen Reminder Pro

$0.00 – Coppertone
MyUVAlert

WHY CAN’T MY APPLICATION DO IT FOR ME?
Minimum Viable Product
UV Guardian Mobile Application for Sportswomen

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Sun-screen re-application notifications

Recommendations for activity planning, UV sensitive foam helmet replacement

Recommendations for Healthy Vitamin D Synthesis

Relative Exposure History Tracking

Network Research Lab
Communication Innovation
Administration

Project Lead: Jerrid Matthews <matth122@ucla.edu>

Technology Requirement

• Java Android SDK for Mobile App Development
• GEOGRAMONE Arduino Sensor and UV Sensor
  • Javascript Processing framework for Arduino programming

Number of Teams: 2
Ride-Keeper
Community-based Motorcycle Theft Deterrent

Presenter:
Jerrid Matthews, PhD Candidate
University of California, Los Angeles
My 1st Motorcycle!!!
Where she was Stolen 😞
How easy she was to take!
Ride-Keeper
Community-based Motorcycle Theft Deterrent

GEGRAM-ONE Tracker
Ride-Keeper
Community-based Motorcycle Theft Deterrent

Instant tracking notification to Ride-Keeper users near a stolen vehicle

Private messaging room for notified near vicinity Ride-keeper users to share photos, text or video of assailants
Administration

Project Lead: Jerrid Matthews <matth122@ucla.edu>

Technology Requirement
• Java Android SDK for Mobile App Development
• GEOGRAMONE Arduino Sensor and UV Sensor
  • Javascript Processing framework for Arduino programming

Number of Teams: 1
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Thank You

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