

Hi, I'm
SHELLEY PHAM ☺
and I love to code, design, and IoT!



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**CALIFORNIA STATE UNIVERSITY,
FULLERTON**
Computer Science, B.S.
Graduating December 2017



**CSU/GE DIGITAL INNOVATION
CHALLENGE**

Create eco app using Industrial IoT
Predix Platform | March 2016

- Awarded 1st Place with "Most Green Solution" category prize.
- Titan Power App reduced CO₂ emissions and maintenance cost up to 98.5%.
- Focused on UI and UX as a front-end developer while implementing big data analytics services.

<http://bit.ly/titanpowerapp>
*login: csuf_user | pass: csuf



CODECONF

GitHub | May 2016

- Awarded an admission scholarship to attend the GitHub conference.

WECODE CONFERENCE

Harvard University | Feb 2016

- Awarded a travel and admission scholarship to attend the Harvard University conference.



**GE DIGITAL – PREDIX TRANSFORM
CONFERENCE, GUEST SPEAKER**

July 2016

- Selected to deliver a lightning talk about personal experience with the Predix platform at the conference.



**GOOGLE – APPLIED CS WITH
ANDROID**

Mar 2016

- Selected to participate in 5-day technical workshop that teaches Algorithms and Data Structures leveraging the Android platform.



OLD SPARKY

Electric Chair Virtual Reality
Simulation | August 2015

- Prototype includes coding and flashing .ino program to the Arduino and wiring sensors to breadboard.
- Exhibited and demoed to over 60 people at SoCal VR Conference & Expo in Irvine, CA.

<http://bit.ly/oldsparky>



Alpha Beta Gamma Fraternity
Cloud Computing Research
Collegiate Archery



TRIDONIC
Lab Technician & Intern
Sept 2015 – Present

- Rancho Santa Margarita, CA
- Integrating Thread Networking Stack involving partner companies, such as Nest Labs, Samsung, and Silicon Laboratories as part of the Internet of Things (IoT) project.
- Implementing development kits and border routers with Tridonic's lighting components to further pursuits into automated lighting.
- Transforming antiquated and outdated electronics with innovative solutions such as integrating lighting components with the cloud.
- Learning Thread Networking Stack, variety of IDE's, and TCP/IP.

OVAL INTEGRATION
Programming Intern
Jun 2015 – Present

- Costa Mesa, CA
- Coordinated with Warped Imagination and Monster VR to assemble and exhibit Old Sparky (refer to projects), made with Unity, Arduino Uno, Kor-FX Haptics Gaming Vest, and Oculus Rift.
- Programming hardware and software, breadboarding prototypes, experimenting with sensors and microcontrollers with autodidactic learning.

**FACTORY ENOVA/
WOODSCAPE PRINTS**
Product Developer/Instructor/
Graphic + Web Designer/
Laser Whiz
Mar 2013 – June 2016

- Fountain Valley, CA
- Developed photo processing settings and techniques to complement photographs on wood.
- Built website on e-commerce platform, Shopify, in order to simplify experience for client and users.
- Supported product Instagram marketing campaign.
- Trained junior and senior employees on vector programs and laser machines, preventing future collateral costs.
- Empowered clients to focus on designing unencumbered by technical limitations in friendly maker studio.

**GRAPHIC & WEB DESIGN
FREELANCER**
2009 – 2013

- Los Angeles and Orange County, CA
- Primary consultant and storyteller for client's design-related needs.
- Developed images in accordance to clients' vision and collaborated with client photographers.
- Clients include Bergwind Marketing, The CPR Hero, Bloop, 75B Media, Judson Photography, Dave Slagle, Anthony Tintelnot, UNAVSA, UVSA.



	PROFICIENT	FAMILIAR WITH
LANGUAGES	C++, Python	Android, Java, R, Shell
	HTML/CSS, Liquid	MASM JavaScript, PHP
SYSTEMS/PLATFORMS	Git, Linux, Unix Amazon Web Services, Predix	Cloud Foundry
HARDWARE	Arduino, Raspberry Pi	u-Blox C027
NETWORKING	Thread Networking Stack	TCP/IP
CMS	Shopify, Wordpress	
GRAPHIC DESIGN	Adobe Ps/Ai/Dw	
DATABASES		Apache, MySQL, PostgreSQL
FRAMEWORKS		AngularJS, Node.js
ADDITIONAL LANGUAGES	Vietnamese	Chinese