

# Lê Thái Phúc Quang

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## Me

25-year-young software engineer, on my way to become a product guy, whose products blow everyone's mind.

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## Skills

<b>Professional skills</b>	OOB design • Android • iOS • Mac OS X • SQL • REST • Git • RxJava • Realm • Retrofit • Dagger • Profiling • Optimizing • OpenGL ES • HTML • CSS
<b>Soft skills</b>	Problem solving • Critical thinking • Communicating • Team working/developing
<b>Others</b>	Adobe Photoshop • Adobe Illustrator • Sketch App
<b>Languages</b>	Vietnamese • English

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## Working Experiences

<b>Umbala, Inc.</b> , Ho Chi Minh City <i>Blockchain Developer</i>	<i>Jan 2018 - Now</i>
<b>Umbala, Inc.</b> , Ho Chi Minh City <i>Mobile Software Engineer</i>	<i>Nov 2015 - Now</i>
<b>Umbala, Inc.</b> , Ho Chi Minh City <i>iOS Software Engineer Intern</i>	<i>Jun 2014 - Oct 2014</i>
<b>SHTP Microsoft Innovation Center</b> , Ho Chi Minh City <i>Windows Phone developer intern</i>	<i>Sep 2013 - Mar 2014</i>

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## Education

<b>Ho Chi Minh University of Science</b> , Ho Chi Minh City <i>Advanced Program in Computer Science</i>	<i>Sep 2011 - Nov 2015</i>
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## Projects

<b>Umbala Network</b> ( <i>Team size: 2</i> ) <i>Umbala, Inc., Ho Chi Minh City</i>	<i>Jan 2018 - Now</i>
<ul style="list-style-type: none"><li>A blockchain-based platform for accelerating different type of camera-specialized economic models.</li><li><b>My role:</b> Research related technologies to propose an overall techstack to achieve the desired product, also prepare documents: whitepaper, lightpaper, pitchdeck.</li></ul>	

### **Umbala Android**<sup>[1]</sup> (Team size: 2)

Nov 2015 - Now

*Umbala, Inc., Ho Chi Minh City*

- Pivoted through many versions, Umbala.tv is now a livestreaming platform for people to show off their talents, and become a star.
- **My role:**
  - Propose, implement, and work with team to ship new features for **Umbala Android** app, serving 480K users approximately.
  - Maintain, profiling, and optimize overall performance for the app.
  - Research, implement Video Processing pipeline, including video extracting, decoding, encoding, muxing, and applying visual effects using OpenGL ES 2.0.
  - Evaluate, identify new technologies and methodologies for improving app.
- **Technology:** Android • Java • C++ • Android Camera • Flux Architecture • OpenGL ES • Retrofit • Realm • RxJava • Dagger • RTMP • Web Socket

### **Audeecon**<sup>[2]</sup> (Team size: 2)

Apr 2015 - Jul 2015

*Graduation Thesis, Ho Chi Minh University of Science*

- A sticker-based mobile voice messenger, proposing a whole new experience for people to communicate with each other.
- **My role:** Design and developing the iOS client, as well as researched and applied suitable technologies for the system.
- **Technology:** Cocoa Touch • XMPP • Amazon Web Services

### **Conneet** (Team size: 2)

May 2015

*Microsoft Student Partner Vietnam Internal Hackathon, Da Nang City*

- An interest-based people matching platform, for easier networking and relationship building, in events/conferences.
- **My role:** Design and implement iOS client, also setup and design database schema for backend service, using Parse.com.
- **Technology:** Cocoa Touch • Parse Platform

### **USOS** (Team size: 2)

Aug 2014

*Hackathon Vietnam 2014, Ho Chi Minh City*

- An SOS message broadcasting system that enables people to quickly find helps from nearby people in case of emergency.
- **My role:** Design and implement iOS client for the system.
- **Technology:** Cocoa Touch • Location Service

### **Tim Nhà Trọ** (Team size: 2)

May 2014

*Microsoft Student Partner Vietnam Internal Hackathon, Hue City*

- A location-based bedsit finding mobile app that helps people to find affordable bedsit deals available around a given location.
- **My role:** Design and implement backend services, including database schema design, API design. Also design UI/UX for the Windows Phone client.
- **Technology:** ASP.NET • SQL Server • Windows Azure

**VoucherWorld**<sup>[3]</sup> (Team size: 4)

Nov 2013 - Mar 2014

Runner-up @ Imagine Cup 2015 National Round, Ho Chi Minh City

- An augmented reality mobile application, providing interesting gamification experiences for users while traveling, a potential and flexible platform for brands/merchants to run their marketing campaigns.
- **My role:** Design and implement backend services, including database schema design, API design. Also design and implement web client for brands/merchants to manage their products.
- **Technology:** ASP.NET • SQL Server • Windows Azure • Bootstrap

**Dò Xổ Số** (Team size: 1)

Feb 2014 - Mar 2014

SHTP Microsoft Innovation Center, Ho Chi Minh City

- A lottery result checking mobile application on Windows Phone for Vietnamese.
- **My role:** Analyze, design, and implement the Windows Phone client. Also fetch, parse, and processing input data from an HTML website.
- **Technology:** C# • .NET Framework

**Kho Radio** (Team size: 2)

Dec 2013 - Jan 2014

SHTP Microsoft Innovation Center, Ho Chi Minh City

- A local radio mobile application on Windows Phone for Vietnamese.
- **My role:** Redesign and implement media file downloading and caching mechanism.
- **Technology:** C# • .NET Framework

**VietnamA2Z** (Team size: 2)

Sep 2013 - Nov 2013

SHTP Microsoft Innovation Center, Ho Chi Minh City

- A crowd-sourced reviews about local businesses platform.
- **My role:** Implement the user interface basing on given design.
- **Technology:** C# • .NET Framework • XAML

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## Activities

**Microsoft Student Partner Vietnam**, Ho Chi Minh City

Jul 2013 - Oct 2015

External Relations team member

- Student Evangelist Expert Recognition, Fiscal Year 2014.
- Take part in training sections aiming to transmit Microsoft newest technologies to students in high schools and universities.
- Organize Imagine Cup 2014 related events.
- Coordinate with Microsoft and my university to organize the Microsoft Academic Tour in 2013 and 2014.
- Organize and maintain connections between Microsoft Student Partners and other technology communities.
- Organize internal soft skill trainings for Microsoft Student Partners.

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## References

- [1] **Umbala** home page: <https://umbala.tv>
- [2] **Audeecon** in action: <https://youtu.be/J9Fd8v19bbc>
- [3] **VoucherWorld** pitching: <https://youtu.be/AYMil7sqRG0>